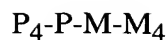


WHAT IS CLAIMED IS:

1. A compound of Formula I:



I

or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

M is a 3-10 membered carbocycle or a 4-10 membered heterocycle, consisting of: carbon atoms and 1-3 heteroatoms selected from O, S(O)_p, N, and NZ²;

ring M is substituted with 0-3 R^{1a} and 0-2 carbonyl groups, and there are 0-3 ring double bonds;

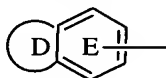
P is fused onto ring M and is a 5, 6, or 7 membered carbocycle or a 5, 6, or 7 membered heterocycle, consisting of: carbon atoms and 1-3 heteroatoms selected from O, S(O)_p, and N;

ring P is substituted with 0-3 R^{1a} and 0-2 carbonyl groups, and there are 0-3 ring double bonds;

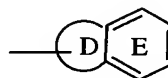
alternatively, ring P is absent and P₄ is directly attached to ring M, provided that when ring P is absent, P₄ and M₄ are attached to the 1,2, 1,3, or 1,4 positions of ring M;

one of P₄ and M₄ is -A-B and the other -G₁-G;

G is a group of Formula IIa or IIb:



IIa



IIb

ring D, including the two atoms of Ring E to which it is attached, is a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p;

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and is substituted with 1-3 R;

alternatively, ring D is absent and ring E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrazolyl, imidazolyl, isoxazolyl, oxazolyl, triazolyl, thienyl, and thiazolyl, and ring E is substituted with 1-3 R;

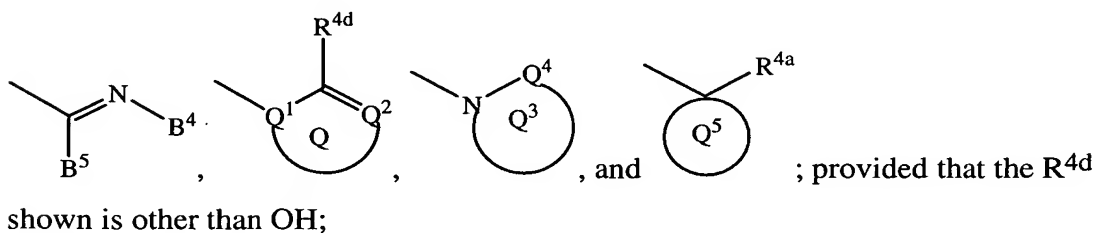
- alternatively, ring D is absent and ring E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrazolyl, imidazolyl, isoxazolyl, oxazolyl, triazolyl, thienyl, and thiazolyl, and ring E is substituted with 1 R and with a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, wherein the 5-6 membered heterocycle is substituted with 0-2 carbonyl groups and 1-2 R and there are 0-3 ring double bonds;

- R is selected from H, C₁₋₄ alkyl, F, Cl, Br, I, OH, OCH₃, OCH₂CH₃, OCH(CH₃)₂, OCH₂CH₂CH₃, -CN, C(=NR⁸)NR⁷R⁹, NHC(=NR⁸)NR⁷R⁹, ONHC(=NR⁸)NR⁷R⁹, NR⁸CH(=NR⁷), NH₂, NH(C₁₋₃ alkyl), N(C₁₋₃ alkyl)₂, C(=NH)NH₂, CH₂NH₂, CH₂NH(C₁₋₃ alkyl), CH₂N(C₁₋₃ alkyl)₂, CH₂CH₂NH₂, CH₂CH₂NH(C₁₋₃ alkyl), CH₂CH₂N(C₁₋₃ alkyl)₂, (CR⁸R⁹)_tC(O)H, (CR⁸R⁹)_tC(O)R^{2c}, (CR⁸R⁹)_tNR⁷R⁸, (CR⁸R⁹)_tC(O)NR⁷R⁸, (CR⁸R⁹)_tNR⁷C(O)R⁷, (CR⁸R⁹)_tOR³, (CR⁸R⁹)_tS(O)_pNR⁷R⁸, (CR⁸R⁹)_tNR⁷S(O)_pR⁷, (CR⁸R⁹)_tSR³, (CR⁸R⁹)_tS(O)R³, (CR⁸R⁹)_tS(O)₂R³, and OCF₃;

- alternatively, when 2 R groups are attached to adjacent atoms, they combine to form methylenedioxy or ethylenedioxy;

- A is 2-8 membered linear chain consisting of: carbon atoms, 0-2 carbonyl groups, and 0-3 heteroatoms selected from O, N, and S(O)_p, and A is substituted with 0-3 R^{1a} and 0-2 R², and there are 0-2 double bonds and 0-1 triple bonds; provided that other than an S-S, S-O, or O-O bond is present in A;

B is selected from -CN, OR³, NR³R^{3a}, Y, N(B¹)C(O)C(R³R^{3g})₁₋₄NB²B³,



- B¹ is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -(CH₂)₀₋₂-C₃₋₇ carbocycle substituted with 0-2 R^{4b}, and -(CH₂)₀₋₂-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};

B^2 is selected from H, C_{1-6} alkyl substituted with 0-2 R^{4c} , $C(O)R^{2e}$, $C(O)OR^{2d}$, $C(O)NR^{2d}R^{2d}$, $C(O)NH(CH_2)_2NR^{2d}R^{2d}$, $SO_2NR^{2d}R^{2d}$, $C(O)NH SO_2-C_{1-4}$ alkyl, and $S(O)_pR^{5a}$;

5 B^3 is selected from H, C_{1-6} alkyl substituted with 0-2 R^{4c} , $-(CH_2)_{0-2-3-6}$ membered carbocycle substituted with 0-2 R^5 , and a $-(CH_2)_{0-2-4-6}$ membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^5 ;

B^4 is selected from H, SO_2R^{3b} , $C(O)R^{3b}$, $SO_2NR^{3b}R^{3b}$, $C(O)NR^{3b}R^{3b}$, OR^2 , SR^2 , $-CN$, and NO_2 ;

10 B^5 is NR^2R^{2f} or $CR^3R^2R^{2f}$;

Q^1 and Q^2 are each N;

alternatively, Q^1 is CR^3 and R^{4d} is NR^2R^{2a} or $NR^{3a}B^4$, provided that when Q^1 is CR^3 , then this R^3 group optionally forms a ring with the R^2 group of R^{4d} , this ring is a 5-6 membered ring consisting of, in addition to the C-C-N shown, carbon
15 atoms and from 0-1 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-1 R^5 ;

ring Q is a 5-8 membered ring consisting of, in addition to the $Q^1-CR^{4d}=Q^2$ group shown, carbon atoms and 0-2 heteroatoms selected from N, O, and $S(O)_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

20 ring Q^3 is a 4-7 membered monocyclic or tricyclic ring consisting of, in addition to the $N-Q^4$ group shown, carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R^4 ;

alternatively, ring Q^3 is a 4-7 membered ring to which another ring is fused,
25 wherein: the 4-7 membered ring consists of, in addition to the shown amide group, carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$ and 0-1 double bonds are present within the ring; the fusion ring is phenyl or a 5-6 membered heteroaromatic consisting of carbon atoms and 1-2 heteroatoms selected from NR^{4c} , O, and S;

ring Q³, which includes the 4-7 membered ring and the fusion ring, is substituted with 0-3 R⁴;

Q⁴ is selected from C=O and SO₂;

ring Q⁵ is a C₃₋₇ monocyclic carbocycle or 3-7 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p, the carbocycle or heterocycle further comprises 0-2 double bonds and 0-2 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R⁴;

Y is CY¹Y²R^{4a}, and Y¹ and Y² are independently C₁₋₄ alkyl substituted with 0-2 R⁴;

alternatively, Y is selected from: C₃₋₁₀ carbocycle substituted 0-2 R⁴ and 0-1 R^{4a}, and, 3-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R⁴ and 0-1 R^{4a};

G₁ is absent or is selected from (CR³R^{3a})₁₋₅,
 (CR³R^{3a})₀₋₂CR³=CR³(CR³R^{3a})₀₋₂, (CR³R^{3a})₀₋₂C≡C(CR³R^{3a})₀₋₂,
 (CR³R^{3a})_uC(O)(CR³R^{3a})_w, (CR³R^{3a})_uC(O)O(CR³R^{3a})_w,
 (CR³R^{3a})_uOC(O)(CR³R^{3a})_w, (CR³R^{3a})_uO(CR³R^{3a})_w, (CR³R^{3a})_uNR^{3b}(CR³R^{3a})_w,
 (CR³R^{3a})_uC(O)NR^{3b}(CR³R^{3a})_w, (CR³R^{3a})_uNR^{3b}C(O)(CR³R^{3a})_w,
 (CR³R^{3a})_uOC(O)NR^{3b}(CR³R^{3a})_w, (CR³R^{3a})_uNR^{3b}C(O)O(CR³R^{3a})_w,
 (CR³R^{3a})_uNR^{3b}C(O)NR^{3b}(CR³R^{3a})_w, (CR³R^{3a})_uNR^{3b}C(S)NR^{3b}(CR³R^{3a})_w,
 (CR³R^{3a})_uS(CR³R^{3a})_w, (CR³R^{3a})_uS(O)(CR³R^{3a})_w, (CR³R^{3a})_uS(O)₂(CR³R^{3a})_w,
 (CR³R^{3a})_uS(O)NR^{3b}(CR³R^{3a})_w, (CR³R^{3a})_uNR^{3b}S(O)₂(CR³R^{3a})_w,
 (CR³R^{3a})_uS(O)₂NR^{3b}(CR³R^{3a})_w, (CR³R^{3a})_uNR^{3b}S(O)₂NR^{3b}(CR³R^{3a})_w,
 (CR³R^{3a})_uNRR^{3e}(CR³R^{3a})_w, (CR³R^{3a})_uC(O)(CR³R^{3a})_uC(O)(CR³R^{3a})_w,
 (CR³R^{3a})_uNR^{3b}(CR³R^{3a})_uC(O)NR^{3b}(CR³R^{3a})_w,
 (CR³R^{3a})_uNR^{3b}C(O)(CR³R^{3a})_uC(O)(CR³R^{3a})_w,
 (CR³R^{3a})_uC(O)(CR³R^{3a})_uC(O)NR^{3b}(CR³R^{3a})_w,
 (CR³R^{3a})_uNR^{3b}C(O)(CR³R^{3a})_uC(O)NR^{3b}(CR³R^{3a})_w,

$(\text{CR}^3\text{R}^{3a})_u\text{S}(\text{O})_2\text{NR}^{3b}\text{C}(\text{O})(\text{CR}^3\text{R}^{3a})_w$, $(\text{CR}^3\text{R}^{3a})_u\text{C}(\text{O})\text{NR}^{3b}\text{S}(\text{O})_2(\text{CR}^3\text{R}^{3a})_w$, and $(\text{CR}^3\text{R}^{3a})_u\text{S}(\text{O})_2\text{NR}^{3b}\text{C}(\text{O})\text{NR}^{3b}\text{CR}^3\text{R}^{3a}_w$, wherein $u + w$ total 0, 1, 2, 3, or 4 and the right side of G_1 is attached to ring G, provided that G_1 does not form an N-S, NCH₂N, NCH₂O, or NCH₂S bond with either group to which it is attached;

- 5 Z^2 is selected from H, $\text{S}(\text{O})_2\text{NHR}^{3b}$, $\text{C}(\text{O})\text{R}^{3b}$, $\text{C}(\text{O})\text{NHR}^{3b}$, $\text{C}(\text{O})\text{OR}^{3f}$, $\text{S}(\text{O})\text{R}^{3f}$, $\text{S}(\text{O})_2\text{R}^{3f}$, C_{1-6} alkyl substituted with 0-2 R^{1a} , C_{2-6} alkenyl substituted with 0-2 R^{1a} , C_{2-6} alkynyl substituted with 0-2 R^{1a} , $-(\text{C}_{0-4} \text{ alkyl})-\text{C}_{3-10}$ carbocycle substituted with 0-3 R^{1a} , and $-(\text{C}_{0-4} \text{ alkyl})-5-10$ membered heterocycle substituted with 0-3 R^{1a} and consisting of: carbon atoms and 1-4 heteroatoms selected from the
- 10 group consisting of N, O, and $\text{S}(\text{O})_p$;

- R^{1a} , at each occurrence, is selected from H, $-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$, $-(\text{CR}^3\text{R}^{3a})_r-\text{CR}^3\text{R}^{1b}\text{R}^{1b}$, $-(\text{CR}^3\text{R}^{3a})_r-\text{O}-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$, $-(\text{CR}^3\text{R}^{3a})_r-\text{NR}^2-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$, $-(\text{CR}^3\text{R}^{3a})_r-\text{S}(\text{O})_p-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$, $-(\text{CR}^3\text{R}^{3a})_r-\text{CO}_2-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$, $-(\text{CR}^3\text{R}^{3a})_r-\text{C}(\text{O})\text{NR}^2-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$,
- 15 $-(\text{CR}^3\text{R}^{3a})_r-\text{C}(\text{O})-(\text{CR}^3\text{R}^{3a})_r-\text{R}^{1b}$, $-\text{C}_{2-6}$ alkenylene- R^{1b} , $-\text{C}_{2-6}$ alkynylene- R^{1b} , and $-(\text{CR}^3\text{R}^{3a})_r-\text{C}(=\text{NR}^{1b})\text{NR}^3\text{R}^{1b}$, provided that R^{1a} forms other than an N-halo, N-S, O-O, or N-CN bond;

- alternatively, when two R^{1a} groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-7 membered ring consisting
- 20 of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

- R^{1b} is selected from H, C_{1-3} alkyl, F, Cl, Br, I, $-\text{CN}$, $-\text{NO}_2$, $-\text{CHO}$, $(\text{CF}_2)_r\text{CF}_3$, $(\text{CR}^3\text{R}^{3a})_r\text{OR}^2$, NR^2R^{2a} , $\text{C}(\text{O})\text{R}^{2b}$, CO_2R^{2b} , $\text{OC}(\text{O})\text{R}^2$, $\text{CH}(\text{CH}_2\text{OR}^2)_2$, $(\text{CF}_2)_r\text{CO}_2\text{R}^{2a}$, $\text{S}(\text{O})_p\text{R}^{2b}$, $\text{NR}^2(\text{CH}_2)_r\text{OR}^2$, $\text{C}(=\text{NR}^{2c})\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$,
- 25 $\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{C}(\text{O})_2\text{R}^{2a}$, $\text{OC}(\text{O})\text{NR}^2\text{R}^{2a}$, $\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $\text{C}(\text{O})\text{NR}^2(\text{CH}_2)_r\text{OR}^2$, $\text{SO}_2\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{SO}_2\text{R}^2$, $\text{C}(\text{O})\text{NR}^2\text{SO}_2\text{R}^2$, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-10 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group

consisting of N, O, and S(O)_p, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond and provided that S(O)_pR² forms other than S(O)₂H or S(O)H;

R², at each occurrence, is selected from H, CF₃, C₁₋₆ alkyl, -(CH₂)_r-C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and -(CH₂)_r-5-10 membered heterocycle

5 consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

R^{2a}, at each occurrence, is selected from H, CF₃, C₁₋₆ alkyl, -(CH₂)_r-C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and -(CH₂)_r-5-10 membered heterocycle

10 consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

alternatively, NR²R^{2a} forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy substituted with 0-2 R^{4b}, C₁₋₆ alkyl substituted with 0-2 R^{4b}, -(CH₂)_r-C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and -(CH₂)_r-5-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

20 R^{2c}, at each occurrence, is selected from CF₃, OH, C₁₋₄ alkoxy, C₁₋₆ alkyl, -(CH₂)_r-C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and -(CH₂)_r-5-10 membered heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₆ alkyl substituted with 0-2 R^{4c}, -(CR³R^{3a})_r-C₃₋₁₀ carbocycle substituted with 0-2 R^{4c}, and -(CR³R^{3a})_r-5-10 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

alternatively, $\text{NR}^{2d}\text{R}^{2d}$ forms a 5-10 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-6} alkyl substituted with 0-2 R^{4c} , $-(\text{CR}^3\text{R}^{3a})_r\text{-C}_{3-10}$ carbocycle substituted with 0-2 R^{4c} , and $-(\text{CR}^3\text{R}^{3a})_r\text{-5-10}$ membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, provided that R^{2e} forms other than a $\text{C}(\text{O})\text{-halo}$ or $\text{C}(\text{O})\text{-S}(\text{O})_p$ moiety;

R^{2f} , at each occurrence, is selected from H, CF_3 , C_{1-4} alkoxy substituted with 0-2 R^{4b} , C_{1-6} alkyl substituted with 0-2 R^{4b} , $-(\text{CH}_2)_r\text{-C}_{3-10}$ carbocycle substituted with 0-2 R^{4b} , and $-(\text{CH}_2)_r\text{-5-10}$ membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$ and substituted with 0-2 R^{4b} ;

alternatively, CR^2R^{2f} forms a 5-8 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, NR^2R^{2f} forms a 5-8 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, when B^4 is SO_2R^{3b} and B^5 is NR^2R^{2f} , R^{3b} and R^{2f} combine to form a 5-8 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, when B^4 is $\text{C}(\text{O})\text{R}^{3b}$ and B^5 is NR^2R^{2f} , R^{3b} and R^{2f} combine to form a 5-8 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, when B^5 is NR^2R^{2f} , B^4 and R^{2f} combine to form a 5-8 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and this ring is substituted with 0-2 R^{4b} and the R^2 group of NR^2R^{2f} , in addition to the groups recited below, is selected from SO_2R^{3b} , $\text{C}(\text{O})\text{R}^{3b}$, and $-\text{CN}$;

R^3 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl, and phenyl;

R^{3a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,
 5 $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl, and phenyl;

alternatively, NR^3R^{3a} forms a 5 or 6 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms, the nitrogen atom to which R^3 and R^{3a} are attached, and 0-1 additional heteroatoms selected from the
 10 group consisting of N, O, and $S(O)_p$;

R^{3b} , at each occurrence, is selected from H, C_{1-6} alkyl substituted with 0-2 R^{1a} , C_{2-6} alkenyl substituted with 0-2 R^{1a} , C_{2-6} alkynyl substituted with 0-2 R^{1a} , $-(C_{0-4}$ alkyl)-5-10 membered carbocycle substituted with 0-3 R^{1a} , and $-(C_{0-4}$ alkyl)-5-10 membered heterocycle substituted with 0-3 R^{1a} and consisting of: carbon atoms
 15 and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

R^{3c} , at each occurrence, is selected from CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl, and phenyl;

R^{3d} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,
 20 $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, C_{1-4} alkyl-phenyl, and $C(=O)R^{3c}$;

R^{3e} , at each occurrence, is selected from H, SO_2NHR^3 , $SO_2NR^3R^3$, $C(O)R^3$, $C(O)NHR^3$, $C(O)OR^{3f}$, $S(O)R^{3f}$, $S(O)_2R^{3f}$, C_{1-6} alkyl substituted with 0-2 R^{1a} , C_{2-6} alkenyl substituted with 0-2 R^{1a} , C_{2-6} alkynyl substituted with 0-2 R^{1a} ,
 25 $-(C_{0-4}$ alkyl)-5-10 membered carbocycle substituted with 0-3 R^{1a} , and $-(C_{0-4}$ alkyl)-5-10 membered heterocycle substituted with 0-3 R^{1a} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

R^{3f} , at each occurrence, is selected from: C_{1-6} alkyl substituted with 0-2 R^{1a} ,
 30 C_{2-6} alkenyl substituted with 0-2 R^{1a} , C_{2-6} alkynyl substituted with 0-2 R^{1a} ,

-(C₀₋₄ alkyl)-5-10 membered carbocycle substituted with 0-3 R^{1a}, and

-(C₀₋₄ alkyl)-5-10 membered heterocycle substituted with 0-3 R^{1a} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

5 R^{3g}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -(CH₂)_r-3-6 membered carbocycle, and -(CH₂)_r-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

10 alternatively, when R³ and R^{3g} are attached to the same carbon atom, they combine with the attached carbon atom to form a cyclopropyl group;

 R⁴, at each occurrence, is selected from H, =O, (CR³R^{3a})_rOR², (CR³R^{3a})_rF, (CR³R^{3a})_rCl, (CR³R^{3a})_rBr, (CR³R^{3a})_rI, C₁₋₄ alkyl, (CR³R^{3a})_rCN, (CR³R^{3a})_rNO₂, (CR³R^{3a})_rNR²R^{2a}, (CR³R^{3a})_rC(O)R^{2c}, (CR³R^{3a})_rNR²C(O)R^{2b},
 15 (CR³R^{3a})_rC(O)NR²R^{2a}, (CR³R^{3a})_rNR²C(O)NR²R^{2a}, (CR³R^{3a})_rC(=NR²)NR²R^{2a}, (CR³R^{3a})_rC(=NS(O)₂R⁵)NR²R^{2a}, (CR³R^{3a})_rNR²C(=NR²)NR²R^{2a}, (CR³R^{3a})_rC(O)NR²C(=NR²)NR²R^{2a}, (CR³R^{3a})_rSO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂-C₁₋₄ alkyl, (CR³R^{3a})_rNR²SO₂R⁵, (CR³R^{3a})_rS(O)_pR^{5a}, (CR³R^{3a})_r(CF₂)_rCF₃, NHCH₂R^{1b}, OCH₂R^{1b}, SCH₂R^{1b},
 20 NH(CH₂)₂(CH₂)_tR^{1b}, O(CH₂)₂(CH₂)_tR^{1b}, S(CH₂)₂(CH₂)_tR^{1b}, (CR³R^{3a})_r-5-6 membered carbocycle substituted with 0-1 R⁵, and a (CR³R^{3a})_r-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵;

 R^{4a} is selected from C₁₋₆ alkyl substituted with 0-2 R^{4c}, C₂₋₆ alkenyl substituted with 0-2 R^{4c}, C₂₋₆ alkynyl substituted with 0-2 R^{4c}, -(CR³R^{3g})_r-C₅₋₁₀ membered carbocycle substituted with 0-3 R^{4c}, -(CR³R^{3g})_r-5-10 membered heterocycle substituted with 0-3 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rCN, (CR³R^{3g})_rC(=NR^{2d})NR^{2d}R^{2d}, (CR³R^{3g})_rNR^{2d}C(=NR^{2d})NR^{2d}R^{2d},

$(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{C}(\text{R}^{2e})(=\text{NR}^{2d})$, $(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{R}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{N}(\rightarrow\text{O})\text{R}^{2d}\text{R}^{2d}$,
 $(\text{CR}^3\text{R}^3\text{g})_r\text{OR}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{C}(\text{O})\text{R}^{2e}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{C}(\text{O})\text{R}^{2e}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{OC}(\text{O})\text{R}^{2e}$,
 $(\text{CR}^3\text{R}^3\text{g})_r\text{C}(\text{O})\text{NR}^{2d}\text{R}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{C}(\text{O})\text{OR}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{C}(\text{O})\text{NR}^{2d}\text{R}^{2d}$,
 $(\text{CR}^3\text{R}^3\text{g})_r\text{OC}(\text{O})\text{NR}^{2d}\text{R}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{C}(\text{O})\text{OR}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{SO}_2\text{NR}^{2d}\text{R}^{2d}$,
5 $(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{SO}_2\text{NR}^{2d}\text{R}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{C}(\text{O})\text{NR}^{2d}\text{SO}_2\text{R}^{2d}$, $(\text{CR}^3\text{R}^3\text{g})_r\text{NR}^{2d}\text{SO}_2\text{R}^{2d}$,
and $(\text{CR}^3\text{R}^3\text{g})_r\text{S}(\text{O})_p\text{R}^{2d}$, provided that $\text{S}(\text{O})_p\text{R}^{2d}$ forms other than $\text{S}(\text{O})_2\text{H}$ or $\text{S}(\text{O})\text{H}$
and further provided that R^{4a} is other than a hydroxamic acid;

R^{4b} , at each occurrence, is selected from H, =O, $(\text{CH}_2)_r\text{OR}^3$, $(\text{CH}_2)_r\text{F}$,
 $(\text{CH}_2)_r\text{Cl}$, $(\text{CH}_2)_r\text{Br}$, $(\text{CH}_2)_r\text{I}$, C_{1-4} alkyl, $(\text{CH}_2)_r\text{CN}$, $(\text{CH}_2)_r\text{NO}_2$, $(\text{CH}_2)_r\text{NR}^3\text{R}^{3a}$,
10 $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^3$, $(\text{CH}_2)_r\text{C}(\text{O})\text{OR}^{3c}$, $(\text{CH}_2)_r\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$, $(\text{CH}_2)_r\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$,
 $(\text{CH}_2)_r\text{NR}^3\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$,
 $(\text{CH}_2)_r\text{SO}_2\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-C}_{1-4}$ alkyl,
 $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{CF}_3$, $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-phenyl}$, $(\text{CH}_2)_r\text{S}(\text{O})_p\text{CF}_3$,
 $(\text{CH}_2)_r\text{S}(\text{O})_p\text{-C}_{1-4}$ alkyl, $(\text{CH}_2)_r\text{S}(\text{O})_p\text{-phenyl}$, and $(\text{CH}_2)_r(\text{CF}_2)_r\text{CF}_3$;

R^{4c} , at each occurrence, is selected from =O, $(\text{CR}^3\text{R}^{3a})_r\text{OR}^2$, $(\text{CR}^3\text{R}^{3a})_r\text{F}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{Br}$, $(\text{CR}^3\text{R}^{3a})_r\text{Cl}$, $(\text{CR}^3\text{R}^{3a})_r\text{CF}_3$, C_{1-4} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl,
 $(\text{CR}^3\text{R}^{3a})_r\text{CN}$, $(\text{CR}^3\text{R}^{3a})_r\text{NO}_2$, $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{N}(\rightarrow\text{O})\text{R}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{R}^{2c}$, $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$, $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{N}=\text{CHOR}^3$, $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NR}^2(\text{CH}_2)_2\text{NR}^2\text{R}^{2a}$,
20 $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{C}(=\text{NR}^2)\text{NR}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{C}(=\text{NR}^2)\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{SO}_2\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NR}^2\text{SO}_2\text{-C}_{1-4}$ alkyl, $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{SO}_2\text{R}^{5a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NR}^2\text{SO}_2\text{R}^{5a}$, $(\text{CR}^3\text{R}^{3a})_r\text{S}(\text{O})_p\text{R}^{5a}$, $(\text{CF}_2)_r\text{CF}_3$, $(\text{CR}^3\text{R}^{3a})_r\text{C}_{3-10}$
carbocycle substituted with 0-2 R^{4b} , and $(\text{CR}^3\text{R}^{3a})_r\text{4-10}$ membered heterocycle
25 substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms
selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

R^{4d} , at each occurrence, is selected from H, $(\text{CR}^3\text{R}^{3a})_r\text{OR}^2$, $(\text{CR}^3\text{R}^{3a})_r\text{F}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{Br}$, $(\text{CR}^3\text{R}^{3a})_r\text{Cl}$, C_{1-4} alkyl, $(\text{CR}^3\text{R}^{3a})_r\text{CN}$, $(\text{CR}^3\text{R}^{3a})_r\text{NO}_2$,
 $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{R}^{2c}$, $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$,

- $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{N}=\text{CHOR}^3$, $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NH}(\text{CH}_2)_2\text{NR}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{C}(=\text{NR}^2)\text{NR}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{NHC}(=\text{NR}^2)\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{SO}_2\text{NR}^2\text{R}^{2a}$, $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$,
 $(\text{CR}^3\text{R}^{3a})_r\text{NR}^2\text{SO}_2\text{-C}_{1-4}$ alkyl, $(\text{CR}^3\text{R}^{3a})_r\text{C}(\text{O})\text{NHSO}_2\text{-C}_{1-4}$ alkyl,
- 5 $(\text{CR}^3\text{R}^{3a})\text{NR}^2\text{SO}_2\text{R}^5$, $(\text{CR}^3\text{R}^{3a})_r\text{S}(\text{O})_p\text{R}^{5a}$, $(\text{CR}^3\text{R}^{3a})_r(\text{CF}_2)_r\text{CF}_3$, $(\text{CR}^3\text{R}^{3a})_{r-5-6}$
 membered carbocycle substituted with 0-1 R^5 , and a $(\text{CR}^3\text{R}^{3a})_{r-5-6}$ membered
 heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group
 consisting of N, O, and $\text{S}(\text{O})_p$ and substituted with 0-1 R^5 ;
 R^5 , at each occurrence, is selected from H, C_{1-6} alkyl, $=\text{O}$, $(\text{CH}_2)_r\text{OR}^3$, F, Cl,
- 10 Br, I, $-\text{CN}$, NO_2 , $(\text{CH}_2)_r\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^3$, $(\text{CH}_2)_r\text{C}(\text{O})\text{OR}^{3c}$,
 $(\text{CH}_2)_r\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$, $(\text{CH}_2)_r\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$,
 $(\text{CH}_2)_r\text{CH}(=\text{NOR}^{3d})$, $(\text{CH}_2)_r\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$,
 $(\text{CH}_2)_r\text{SO}_2\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-C}_{1-4}$ alkyl,
 $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{CF}_3$, $(\text{CH}_2)_r\text{NR}^3\text{SO}_2\text{-phenyl}$, $(\text{CH}_2)_r\text{S}(\text{O})_p\text{CF}_3$,
- 15 $(\text{CH}_2)_r\text{S}(\text{O})_p\text{-C}_{1-4}$ alkyl, $(\text{CH}_2)_r\text{S}(\text{O})_p\text{-phenyl}$, $(\text{CF}_2)_r\text{CF}_3$, phenyl substituted with 0-2
 R^6 , naphthyl substituted with 0-2 R^6 , and benzyl substituted with 0-2 R^6 ;
 R^{5a} , at each occurrence, is selected from C_{1-6} alkyl, $(\text{CH}_2)_r\text{OR}^3$,
 $(\text{CH}_2)_r\text{NR}^3\text{R}^{3a}$, $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^3$, $(\text{CH}_2)_r\text{C}(\text{O})\text{OR}^{3c}$, $(\text{CH}_2)_r\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$,
 $(\text{CH}_2)_r\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $(\text{CF}_2)_r\text{CF}_3$, phenyl substituted with 0-2 R^6 , naphthyl substituted
- 20 with 0-2 R^6 , and benzyl substituted with 0-2 R^6 , provided that R^{5a} does not form a
 S-N or $\text{S}(\text{O})_p\text{-C}(\text{O})$ bond;
 R^6 , at each occurrence, is selected from H, OH, $(\text{CH}_2)_r\text{OR}^2$, halo, C_{1-4} alkyl,
 $-\text{CN}$, NO_2 , $(\text{CH}_2)_r\text{NR}^2\text{R}^{2a}$, $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^{2b}$, $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$, $\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$,
 $\text{C}(=\text{NH})\text{NH}_2$, $\text{NHC}(=\text{NH})\text{NH}_2$, $\text{SO}_2\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$, and
- 25 $\text{NR}^2\text{SO}_2\text{C}_{1-4}$ alkyl;
 R^7 , at each occurrence, is selected from H, OH, C_{1-6} alkyl, C_{1-6} alkyl-C(O)-,
 C_{1-6} alkyl-O-, $(\text{CH}_2)_n\text{-phenyl}$, C_{1-4} alkyl-OC(O)-, C_{6-10} aryl-O-, C_{6-10} aryl-OC(O)-,
 C_{6-10} aryl- $\text{CH}_2\text{C}(\text{O})$ -, C_{1-4} alkyl-C(O)O- C_{1-4} alkyl-OC(O)-,

C₆₋₁₀ aryl-C(O)O-C₁₋₄ alkyl-OC(O)-, C₁₋₆ alkyl-NH₂-C(O)-, phenyl-NH₂-C(O)-, and phenyl-C₁₋₄ alkyl-C(O)-;

R⁸, at each occurrence, is selected from H, C₁₋₆ alkyl, and (CH₂)_n-phenyl;

alternatively, R⁷ and R⁸, when attached to the same nitrogen, combine to form
 5 a 5-10 membered heterocyclic ring consisting of carbon atoms and 0-2 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R⁹, at each occurrence, is selected from H, C₁₋₆ alkyl, and (CH₂)_n-phenyl;

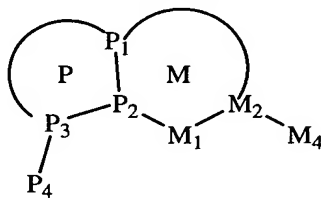
n, at each occurrence, is selected from 0, 1, 2, and 3;

p, at each occurrence, is selected from 0, 1, and 2;

10 r, at each occurrence, is selected from 0, 1, 2, 3, 4, 5, and 6; and

t, at each occurrence, is selected from 0, 1, 2, and 3.

2. A compound according to Claim 1, wherein the compound is of Formula II:



II

15

or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

ring M, including P₁, P₂, M₁, and M₂, is a 5, 6, or 7 membered carbocycle or a 5, 6, or 7 membered heterocycle, consisting of: carbon atoms and 1-3 heteroatoms selected from O, S(O)_p, N, and NZ²;

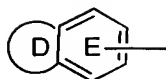
20 ring M is substituted with 0-2 R^{1a} and 0-2 carbonyl groups, and there are 0-3 ring double bonds;

ring P, including P₁, P₂, and P₃, is a 5 or 6 membered aromatic or dihydro-aromatic heterocycle, consisting of: carbon atoms and 1-3 heteroatoms selected from O, S(O)_p, and N;

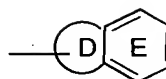
25 ring P is substituted with 0-2 R^{1a};

one of P₄ and M₄ is -A-B and the other -G₁-G;

G is a group of Formula IIa or IIb:



IIa



IIb

ring D, including the two atoms of Ring E to which it is attached, is a 5-6
membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the
5 group consisting of N, O, and S(O)_p;

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and
is substituted with 1-3 R;

alternatively, ring D is absent, and ring E is selected from phenyl, pyridyl,
10 pyrimidyl, and thienyl, and ring E is substituted with 1-3 R;

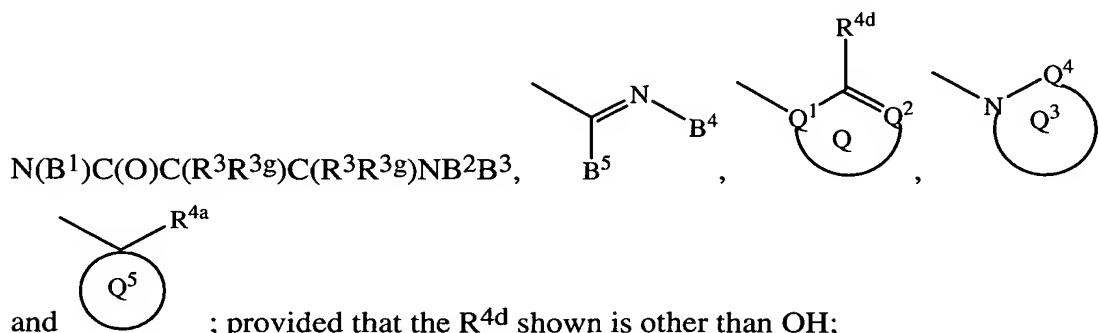
alternatively, ring D is absent, ring E is selected from phenyl, pyridyl, and
thienyl, and ring E is substituted with 1 R and substituted with a 5-6 membered
heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group
consisting of N, O, and S(O)_p, wherein the 5-6 membered heterocycle is substituted
15 with 0-2 carbonyl groups and 1-2 R and there are 0-3 ring double bonds;

R is selected from H, C₁₋₄ alkyl, F, Cl, OH, OCH₃, OCH₂CH₃, OCH(CH₃)₂,
-CN, C(=NH)NH₂, C(=NH)NHOH, C(=NH)NHOCH₃, NH₂, NH(C₁₋₃ alkyl),
N(C₁₋₃ alkyl)₂, C(=NH)NH₂, CH₂NH₂, CH₂NH(C₁₋₃ alkyl), CH₂N(C₁₋₃ alkyl)₂,
(CR⁸R⁹)_tNR⁷R⁸, C(O)NR⁷R⁸, CH₂C(O)NR⁷R⁸, S(O)_pNR⁷R⁸, CH₂S(O)_pNR⁷R⁸,
20 SO₂R³, and OCF₃;

alternatively, when 2 R groups are attached to adjacent atoms, they combine to
form methylenedioxy or ethylenedioxy;

A is 2-6 membered linear chain consisting of: carbon atoms, 0-2 carbonyl
groups, and 0-3 heteroatoms selected from O, N, and S(O)_p, and A is substituted with
25 0-2 R^{1a} and 0-2 R², and there are 0-1 double bonds and 0-1 triple bonds; provided that
other than an S-S, S-O, or O-O bond is present in A;

B is selected from $-\text{CN}$, OR^3 , NR^3R^{3a} , Y , $\text{N}(\text{B}^1)\text{C}(\text{O})\text{C}(\text{R}^3\text{R}^{3g})\text{NB}^2\text{B}^3$,



B^1 is selected from H , CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$,

- 5 $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, $\text{C}(\text{CH}_3)_3$, $-(\text{CH}_2)_{0-1}\text{-C}_{3-7}$ carbocycle substituted with 0-2 R^{4b} , and $-(\text{CH}_2)_{0-1}\text{-5-6}$ membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N , O , and $\text{S}(\text{O})_p$ and substituted with 0-2 R^{4b} ;

B^2 is selected from H , CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$,

- 10 $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, $\text{C}(\text{CH}_3)_3$, $\text{NR}^{2d}\text{R}^{2d}$, $\text{CH}_2\text{NR}^{2d}\text{R}^{2d}$, $\text{CH}_2\text{CH}_2\text{NR}^{2d}\text{R}^{2d}$, $\text{C}(\text{O})\text{R}^{2e}$, $\text{C}(\text{O})\text{NR}^{2d}\text{R}^{2d}$, $\text{SO}_2\text{NR}^{2d}\text{R}^{2d}$, and $\text{S}(\text{O})_p\text{R}^{5a}$;

B^3 is selected from H , C_{1-6} alkyl substituted with 0-1 R^{4c} , $-(\text{CH}_2)_{0-1}\text{-3-6}$

- 15 membered carbocycle substituted with 0-1 R^5 , and a $-(\text{CH}_2)_{0-1}\text{-5-6}$ membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N , O , and $\text{S}(\text{O})_p$ and substituted with 0-1 R^5 ;

B^4 is selected from H , SO_2R^{3b} , $\text{C}(\text{O})\text{R}^{3b}$, $\text{SO}_2\text{NR}^{3b}\text{R}^{3b}$, $\text{C}(\text{O})\text{NR}^{3b}\text{R}^{3b}$, OR^2 ,

and $-\text{CN}$;

B^5 is $\text{NR}^{2f}\text{R}^{2f}$ or $\text{CR}^3\text{R}^{2f}\text{R}^{2f}$;

- 20 ring Q is a 5-6 membered ring consisting of, in addition to the $\text{Q}^1\text{-CR}^{4d}=\text{Q}^2$ group shown, carbon atoms and 0-2 heteroatoms selected from N , O , and $\text{S}(\text{O})_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

Q^1 and Q^2 are each N ;

alternatively, Q^1 is CR^3 and R^{4d} is $\text{NR}^{2a}\text{R}^{2a}$ or NR^{3a}B^4 , provided that when

- 25 Q^1 is CR^3 , then this R^3 group optionally forms a ring with the R^2 group of R^{4d} , this

ring is a 5-6 membered ring consisting of, in addition to the C-C-N shown, carbon atoms and from 0-1 additional heteroatoms selected from N, O, and S(O)_p, and this ring is substituted with 0-1 R⁵;

Q⁴ is selected from C=O and SO₂;

5 ring Q³ is a 4-7 membered monocyclic or tricyclic ring consisting of, in addition to the N-Q⁴ group shown, carbon atoms and 0-2 heteroatoms selected from NR^{4c}, O, S, S(O), and S(O)₂, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R⁴;

alternatively, ring Q³ is a 4-7 membered ring to which another ring is fused,
10 wherein: the 4-7 membered ring consists of, in addition to the shown amide group, carbon atoms and 0-2 heteroatoms selected from NR^{4c}, O, S, S(O), and S(O)₂ and 0-1 double bonds are present within the ring; the fusion ring is phenyl or a 5-6 membered heteroaromatic consisting of carbon atoms and 1-2 heteroatoms selected from NR^{4c}, O, and S;

15 ring Q³, which includes the 4-7 membered ring and the fusion ring, is substituted with 0-3 R⁴;

ring Q⁵ is a C₃₋₇ monocyclic carbocycle or 3-7 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p, the carbocycle or heterocycle further
20 comprises 0-2 double bonds and 0-2 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R⁴;

Y is CY¹Y²R^{4a}, and Y¹ and Y² are independently C₁₋₃ alkyl substituted with 0-1 R⁴;

alternatively, Y is selected from one of the following carbocycles and
25 heterocycles that are substituted with 1 R^{4a} and 0-2 R⁴: cyclopropyl, cyclopentyl, cyclohexyl, phenyl, piperidiny, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, isoxazolinyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl, 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl,
30 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl, 1,3,4-triazolyl, benzofuranyl, benzothiofuranyl, indolyl, benzimidazolyl,

benzoxazolyl, benzthiazolyl, indazolyl, benzisoxazolyl, benzisothiazolyl, and isoindazolyl;

Z^2 is selected from H, C_{1-4} alkyl, phenyl, benzyl, $C(O)R^{3b}$, $S(O)R^{3f}$, and $S(O)_2R^{3f}$;

5 R^{1a} , at each occurrence, is selected from H, $-(CH_2)_r-R^{1b}$, $-(CH(CH_3))_r-R^{1b}$, $-(C(CH_3)_2)_r-R^{1b}$, $-O-(CR^3R^{3a})_r-R^{1b}$, $-NR^2-(CR^3R^{3a})_r-R^{1b}$, and $-S-(CR^3R^{3a})_r-R^{1b}$, provided that R^{1a} forms other than an N-halo, N-S, O-O, or N-CN bond;

alternatively, when two R^{1a} groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-7 membered ring consisting
10 of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

R^{1b} is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, F, Cl, Br, I, -CN, -CHO, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , $OC(O)R^2$, CO_2R^{2a} , $S(O)_pR^{2b}$, $NR^2(CH_2)_rOR^2$, $NR^2C(O)R^{2b}$, $NR^2C(O)NHR^2$, $NR^2C(O)_2R^{2a}$, $OC(O)NR^2R^{2a}$,
15 $C(O)NR^2R^{2a}$, $C(O)NR^2(CH_2)_rOR^2$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} , provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

20 R^2 , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} , a CH_2-C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and
25 $S(O)_p$, and substituted with 0-2 R^{4b} ;

R^{2a} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms
30 selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} ;

alternatively, NR^2R^{2a} forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

R^{2b} , at each occurrence, is selected from CF_3 , C_{1-4} alkoxy, CH_3 , CH_2CH_3 ,
 5 $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$,
 $\text{C}(\text{CH}_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} ,
 and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms
 selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, and substituted with 0-2 R^{4b} ;

R^{2c} , at each occurrence, is selected from CF_3 , OH, C_{1-4} alkoxy, CH_3 ,
 10 CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$,
 $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, $\text{C}(\text{CH}_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle
 substituted with 0-2 R^{4b} , and 5-6 membered heterocycle containing from 1-4
 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, and substituted
 with 0-2 R^{4b} ;

15 R^{2d} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with
 0-2 R^{4c} , $-(\text{CR}^3\text{R}^{3a})_r\text{-C}_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(\text{CR}^3\text{R}^{3a})_r\text{-5-6}$
 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and
 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, provided that
 R^{2d} forms other than a N-halo, N-C-halo, $\text{S}(\text{O})_p\text{-halo}$, O-halo, N-S, S-N, $\text{S}(\text{O})_p\text{-S}(\text{O})_p$,
 20 S-O, O-N, O-S, or O-O moiety;

alternatively, $\text{NR}^{2d}\text{R}^{2d}$ forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with
 25 0-2 R^{4c} , $-(\text{CR}^3\text{R}^{3a})_r\text{-C}_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(\text{CR}^3\text{R}^{3a})_r\text{-5-6}$
 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and
 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, provided that
 R^{2e} forms other than a C(O)-halo or C(O)- $\text{S}(\text{O})_p$ moiety;

R^{2f} , at each occurrence, is selected from H, CF_3 , C_{1-4} alkoxy, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} ;

alternatively, CR^2R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, NR^2R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, when B^5 is NR^2R^{2f} , B^4 and R^{2f} combine to form a 5-6 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-2 R^{4b} and the R^2 group of NR^2R^{2f} , in addition to the groups recited below, is selected from SO_2R^{3b} and $C(O)R^{3b}$;

R^3 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

R^{3a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

alternatively, NR^3R^{3a} forms a 5 or 6 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms and the nitrogen atom to which R^3 and R^{3a} are attached;

R^{3b} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $-(C_{0-1} \text{ alkyl})$ -5-6 membered carbocycle substituted with 0-1 R^{1a} , and $-(C_{0-1} \text{ alkyl})$ -5-6 membered heterocycle substituted with 0-1 R^{1a} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

R^{3c} , at each occurrence, is selected from CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

R^{3d} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, CH_2 -phenyl, CH_2CH_2 -phenyl, and $C(=O)R^{3c}$;

5 R^4 , at each occurrence, is selected from H, =O, OR^2 , CH_2OR^2 , $(CH_2)_2OR^2$, F, Cl, Br, I, C_{1-4} alkyl, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $(CH_2)_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $NR^2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $NR^2SO_2NR^2R^{2a}$, $S(O)_pR^{5a}$, $NR^2SO_2-C_{1-4}$ alkyl, $NR^2SO_2R^5$, CF_3 , CF_2CF_3 , 5-6 membered carbocycle substituted with 0-1 R^5 , and a 5-6 membered heterocycle consisting of: carbon atoms
10 and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-1 R^5 ;

R^{4b} , at each occurrence, is selected from H, =O, OR^3 , CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, -CN, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$,
15 $CH_2C(O)R^3$, $C(O)OR^{3c}$, $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $CH_2NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $CH_2C(O)NR^3R^{3a}$, $NR^3C(O)NR^3R^{3a}$, $CH_2NR^3C(O)NR^3R^{3a}$, $C(=NR^3)NR^3R^{3a}$, $CH_2C(=NR^3)NR^3R^{3a}$, $NR^3C(=NR^3)NR^3R^{3a}$, $CH_2NR^3C(=NR^3)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $CH_2SO_2NR^3R^{3a}$, $NR^3SO_2NR^3R^{3a}$, $CH_2NR^3SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, $CH_2NR^3SO_2-C_{1-4}$ alkyl, $NR^3SO_2CF_3$,
20 $CH_2NR^3SO_2CF_3$, NR^3SO_2 -phenyl, $CH_2NR^3SO_2$ -phenyl, $S(O)_pCF_3$, $CH_2S(O)_pCF_3$, $S(O)_p-C_{1-4}$ alkyl, $CH_2S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, $CH_2S(O)_p$ -phenyl, CF_3 , and CH_2CF_3 ;

R^{4c} , at each occurrence, is selected from =O, $(CR^3R^{3a})_rOR^2$, $(CR^3R^{3a})_rF$, $(CR^3R^{3a})_rBr$, $(CR^3R^{3a})_rCl$, $(CR^3R^{3a})_rCF_3$, C_{1-4} alkyl, C_{2-3} alkenyl, C_{2-3} alkynyl,
25 $(CR^3R^{3a})_rCN$, $(CR^3R^{3a})_rNO_2$, $(CR^3R^{3a})_rNR^2R^{2a}$, $(CR^3R^{3a})_rN(\rightarrow O)R^2R^{2a}$, $(CR^3R^{3a})_rC(O)R^{2c}$, $(CR^3R^{3a})_rNR^2C(O)R^{2b}$, $(CR^3R^{3a})_rC(O)NR^2R^{2a}$, $(CR^3R^{3a})_rNR^2C(O)NR^2R^{2a}$, $(CR^3R^{3a})_rSO_2NR^2R^{2a}$, $(CR^3R^{3a})_rNR^2SO_2NR^2R^{2a}$, $(CR^3R^{3a})_rNR^2SO_2R^{5a}$, $(CR^3R^{3a})_rC(O)NR^2SO_2R^{5a}$, $(CR^3R^{3a})_rS(O)_pR^{5a}$, $(CF_2)_rCF_3$, $(CR^3R^{3a})_rC_{3-10}$ carbocycle substituted with 0-2 R^{4b} , and $(CR^3R^{3a})_r$ 5-10 membered

heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};

- R^{4d}, at each occurrence, is selected from H, OR², CH₂OR², C₁₋₄ alkyl, -CN, CH₂CN, NO₂, CH₂NO₂, NR²R^{2a}, CH₂NR²R^{2a}, CH₂C(O)R^{2c}, C(O)R^{2c},
 5 NR²C(O)R^{2b}, (CH₂)_rC(O)NR²R^{2a}, NR²C(O)NR²R^{2a}, (CH₂)_rSO₂NR²R^{2a}, NR²SO₂NR²R^{2a}, NR²SO₂R⁵, (CH₂)_rS(O)_pR^{5a}, CH₂CF₃, CF₃, 5-6 membered carbocycle substituted with 0-1 R⁵, CH₂-5-6 membered carbocycle substituted with 0-1 R⁵, a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵,
 10 and a CH₂-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵;

- R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, OR³,
 15 CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c}, CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH(=NOR^{3d}), C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, NR³SO₂-phenyl, S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶,
 20 and benzyl substituted with 0-2 R⁶;

- R^{5a}, at each occurrence, is selected from CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, OR³, CH₂OR³, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c}, CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a}, CH₂C(O)NR³R^{3a}, CF₃, CF₂CF₃,
 25 phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶, provided that R^{5a} does not form a S-N or S(O)_p-C(O) bond;
 and

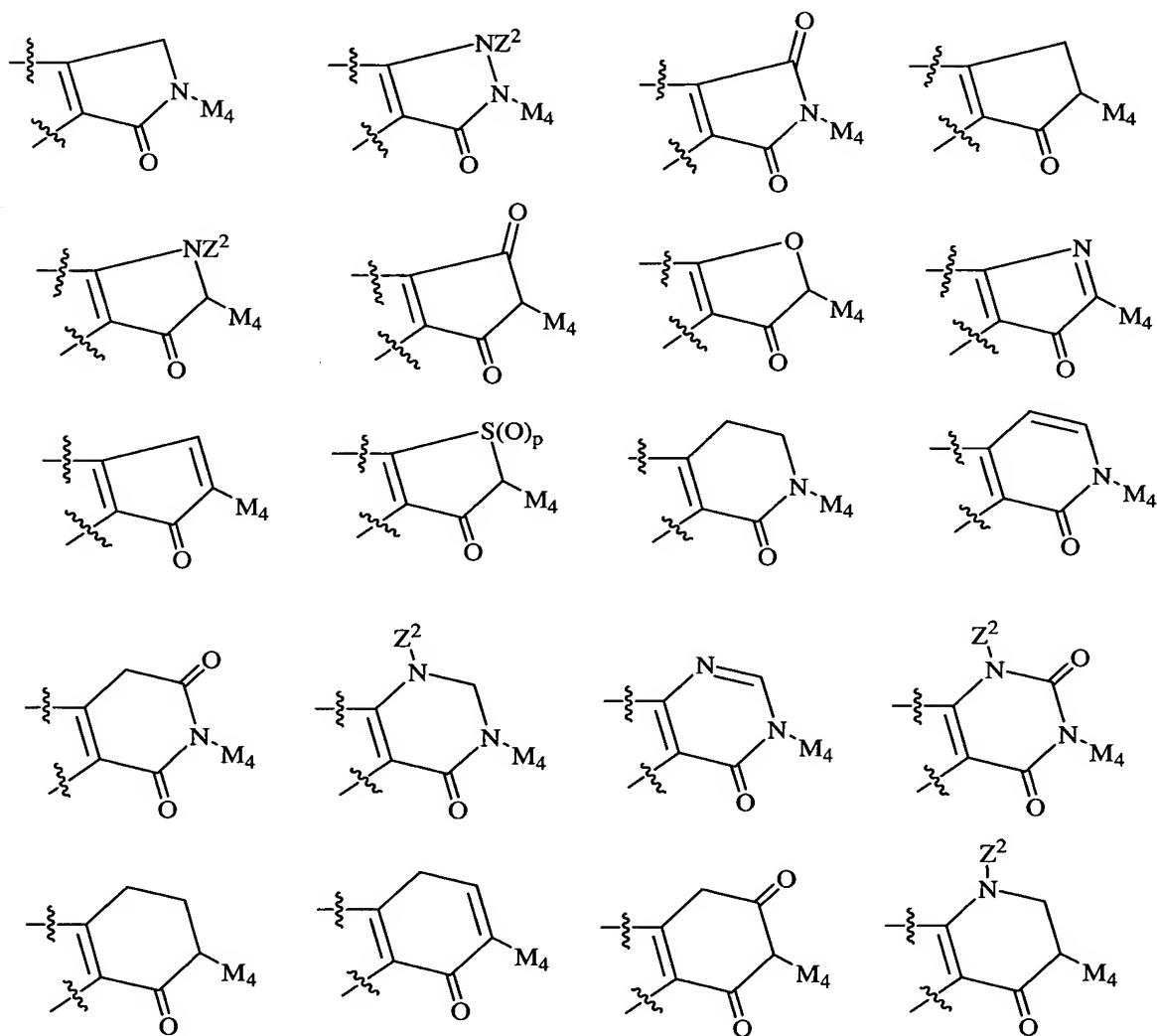
R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃,

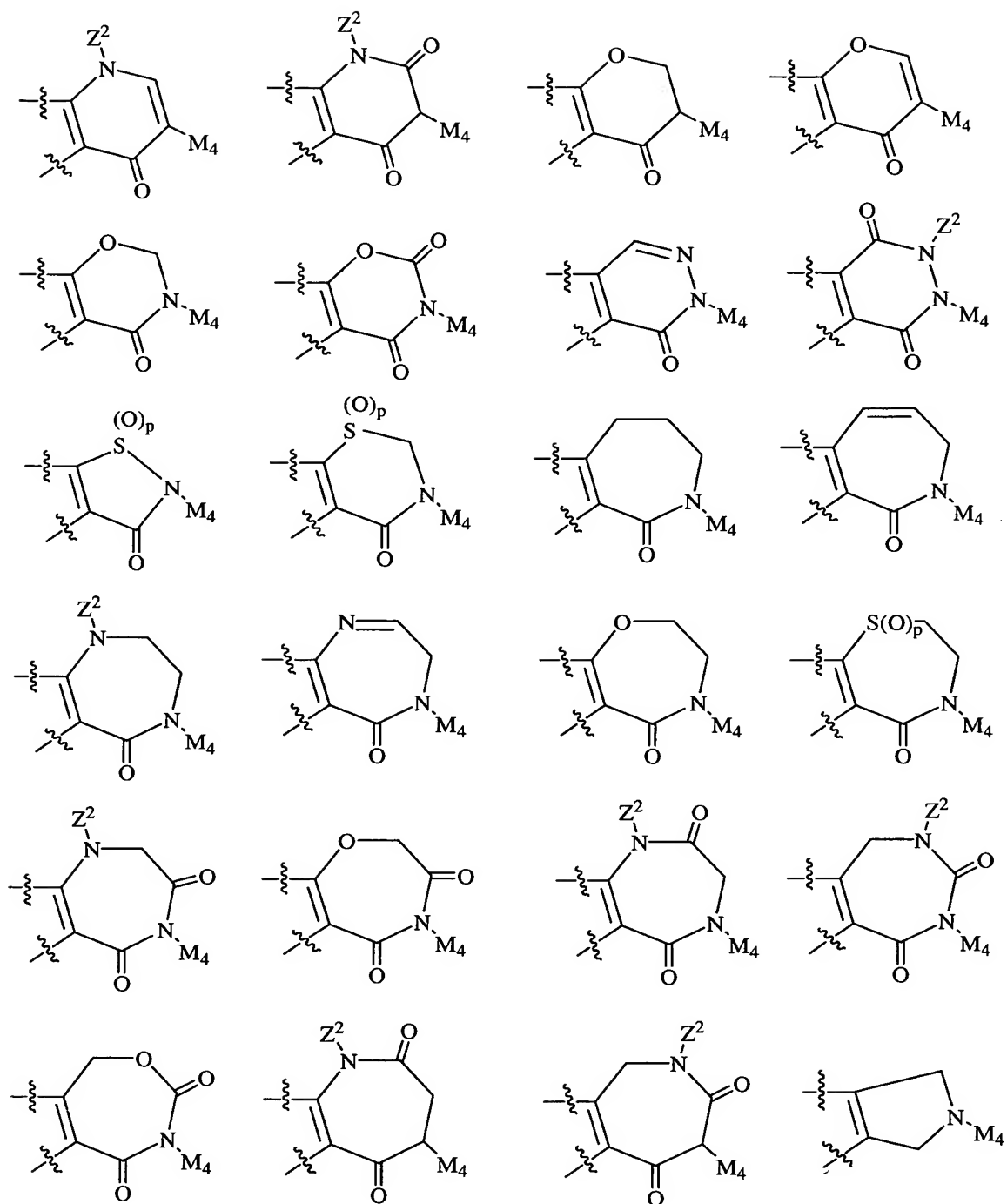
$C(CH_3)_3$, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$,
 $NR^2C(O)NR^2R^{2a}$, $C(=NH)NH_2$, $NHC(=NH)NH_2$, $SO_2NR^2R^{2a}$, $NR^2SO_2NR^2R^{2a}$,
 and $NR^2SO_2C_{1-4}$ alkyl.

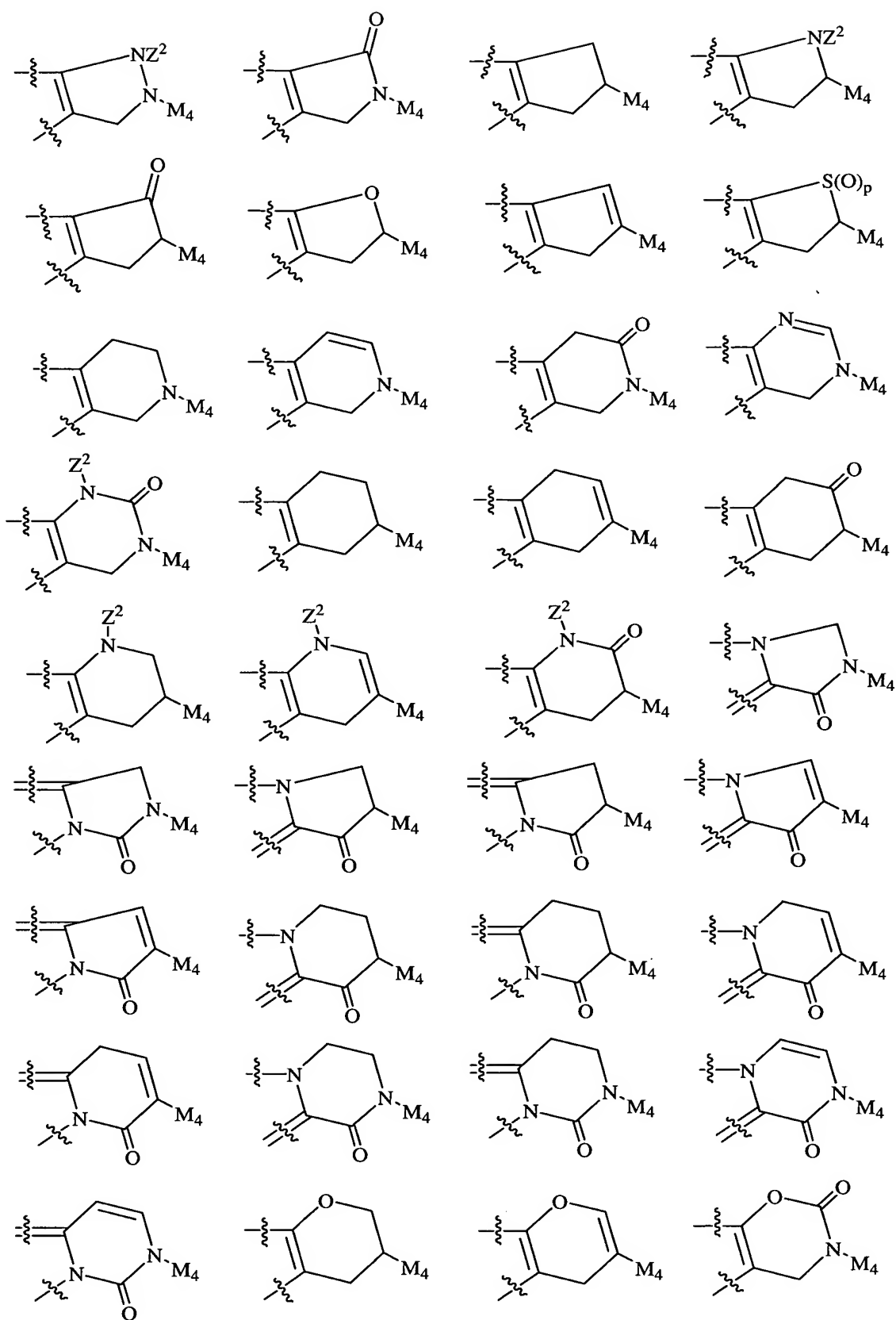
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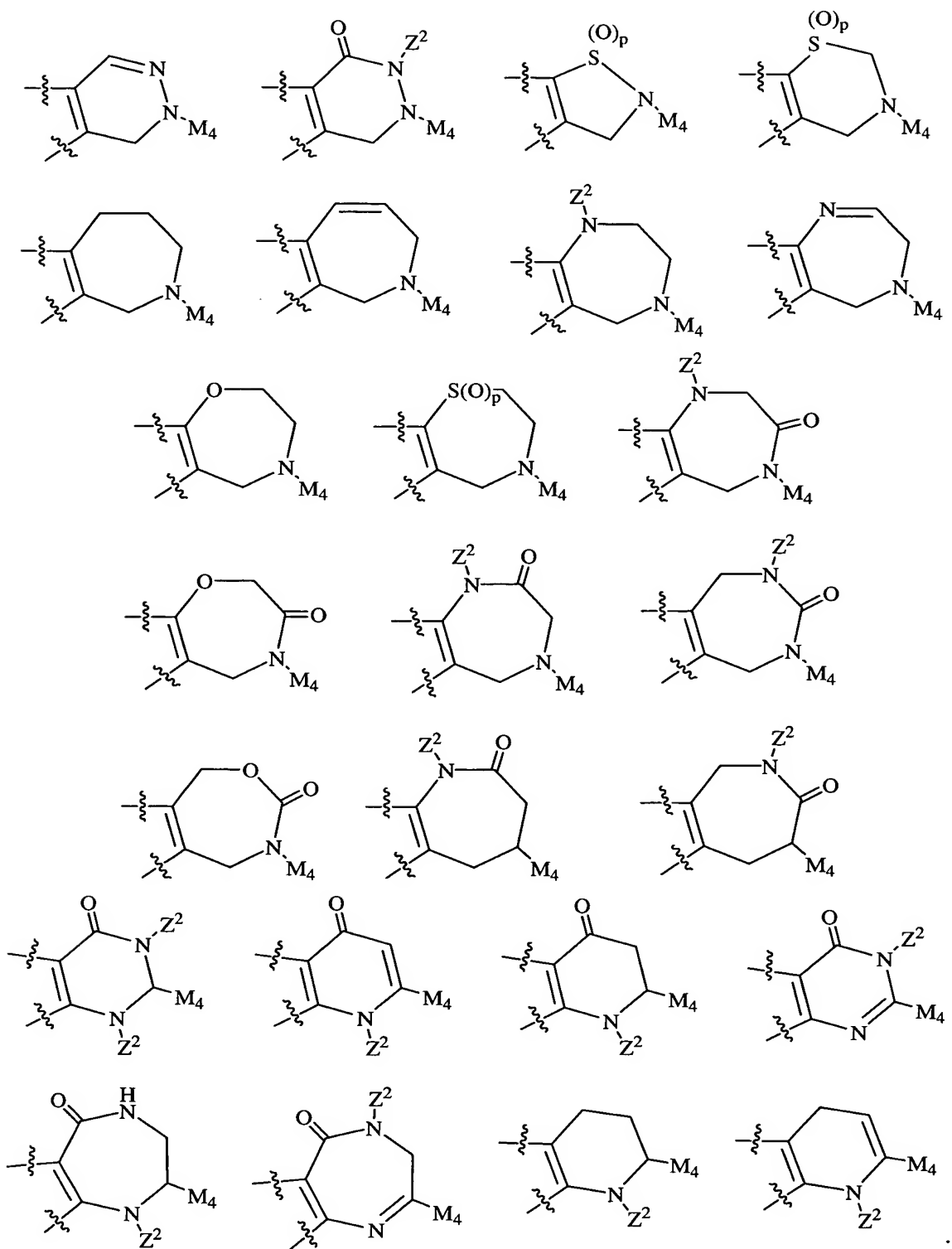
3. A compound according to Claim 2, wherein:

ring M is substituted with 0-2 R^{1a} and is selected from the group:

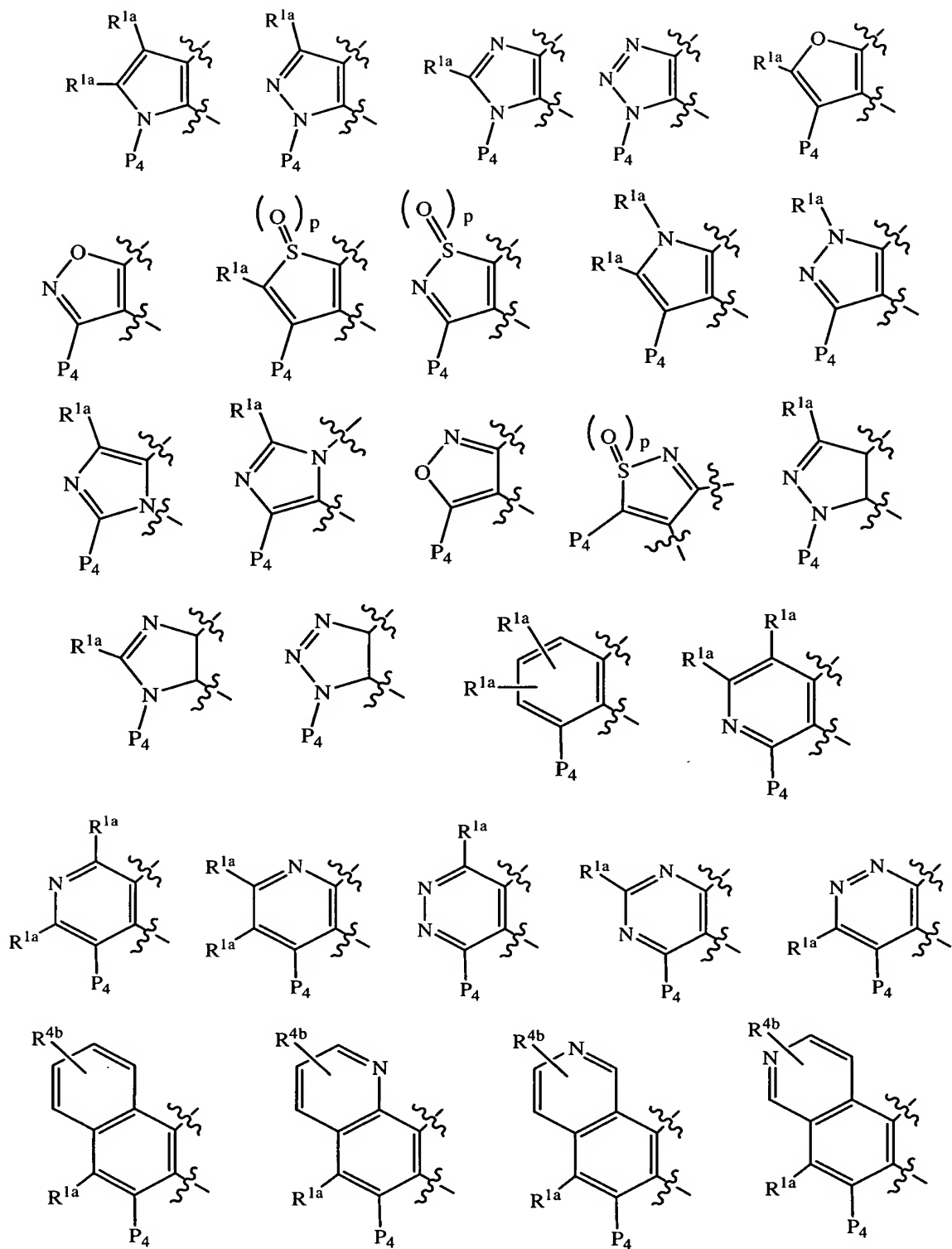


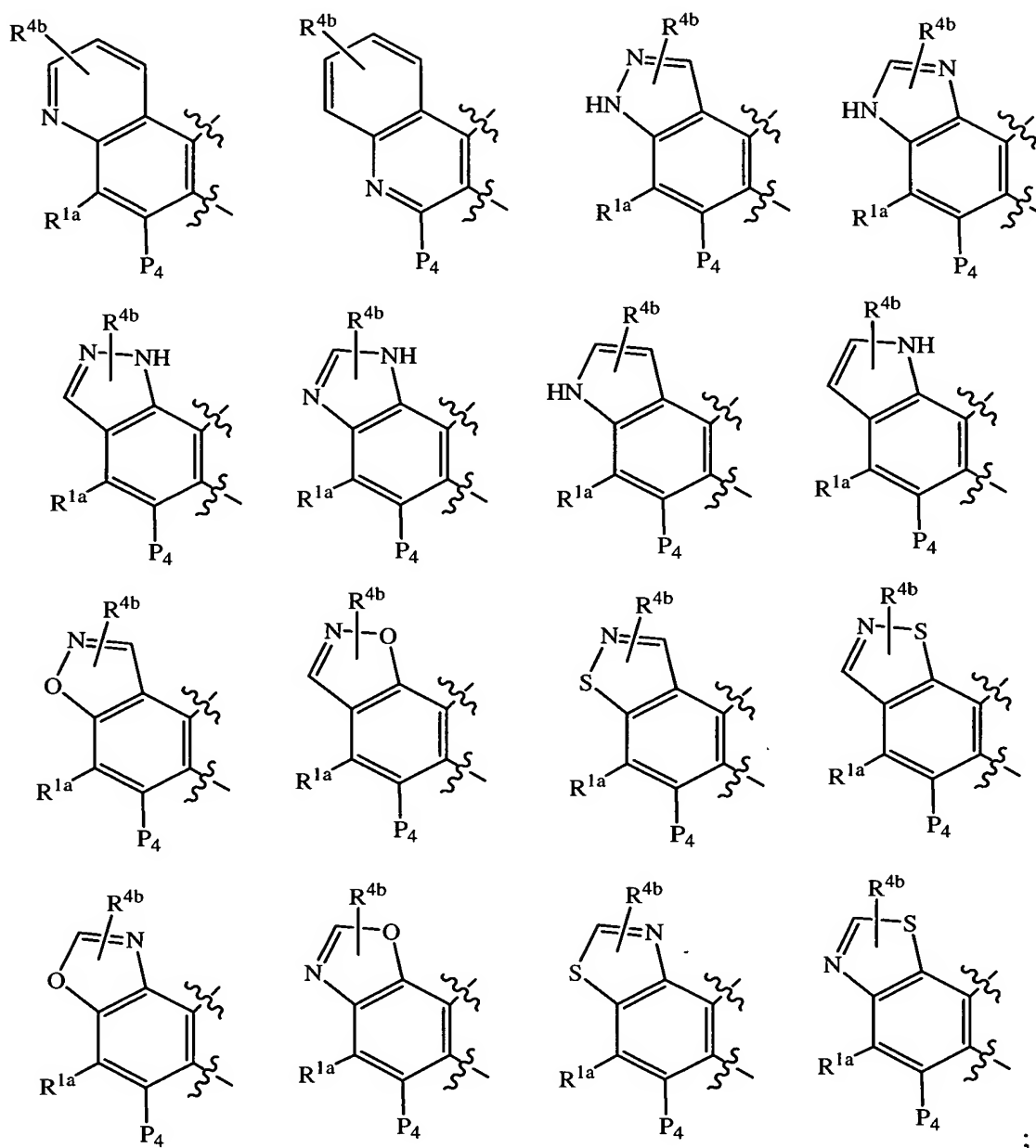






ring P, including P₁, P₂, P₃, and P₄ is selected from group:

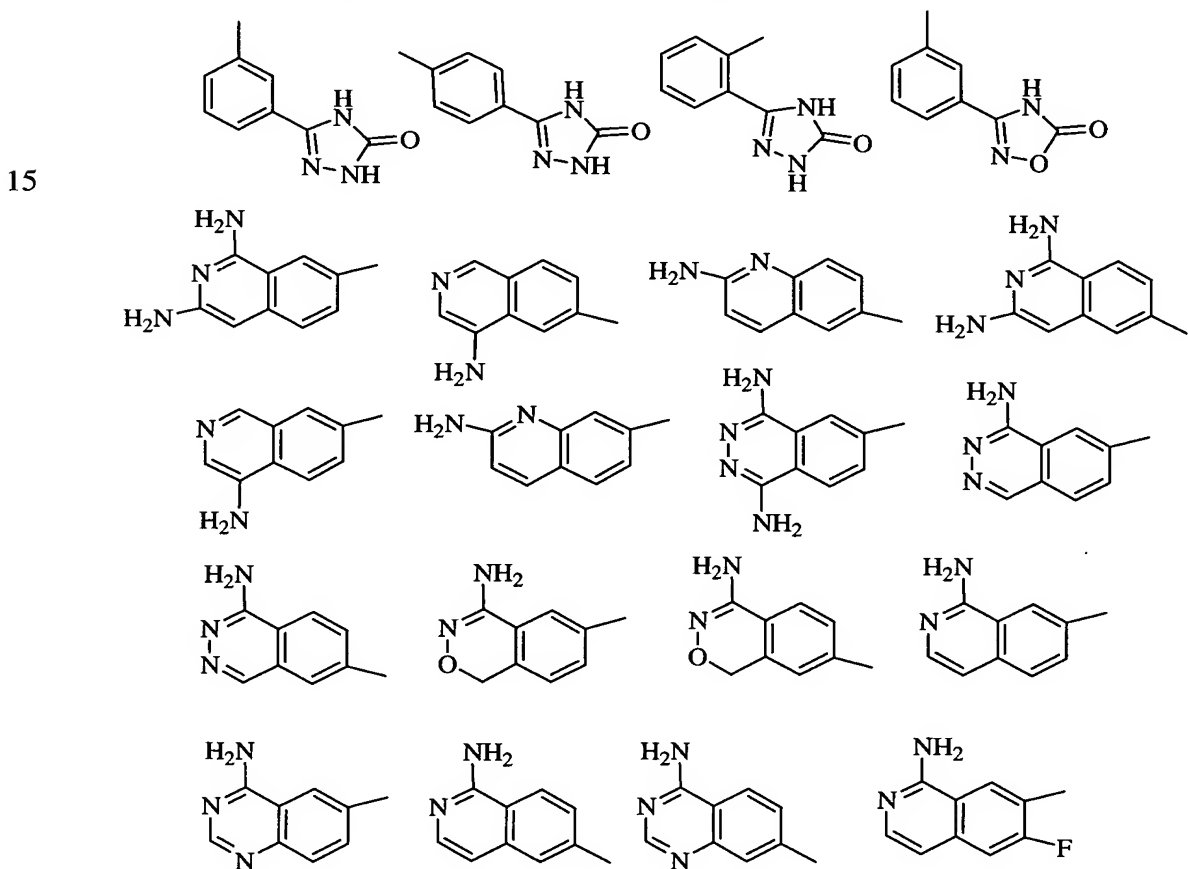


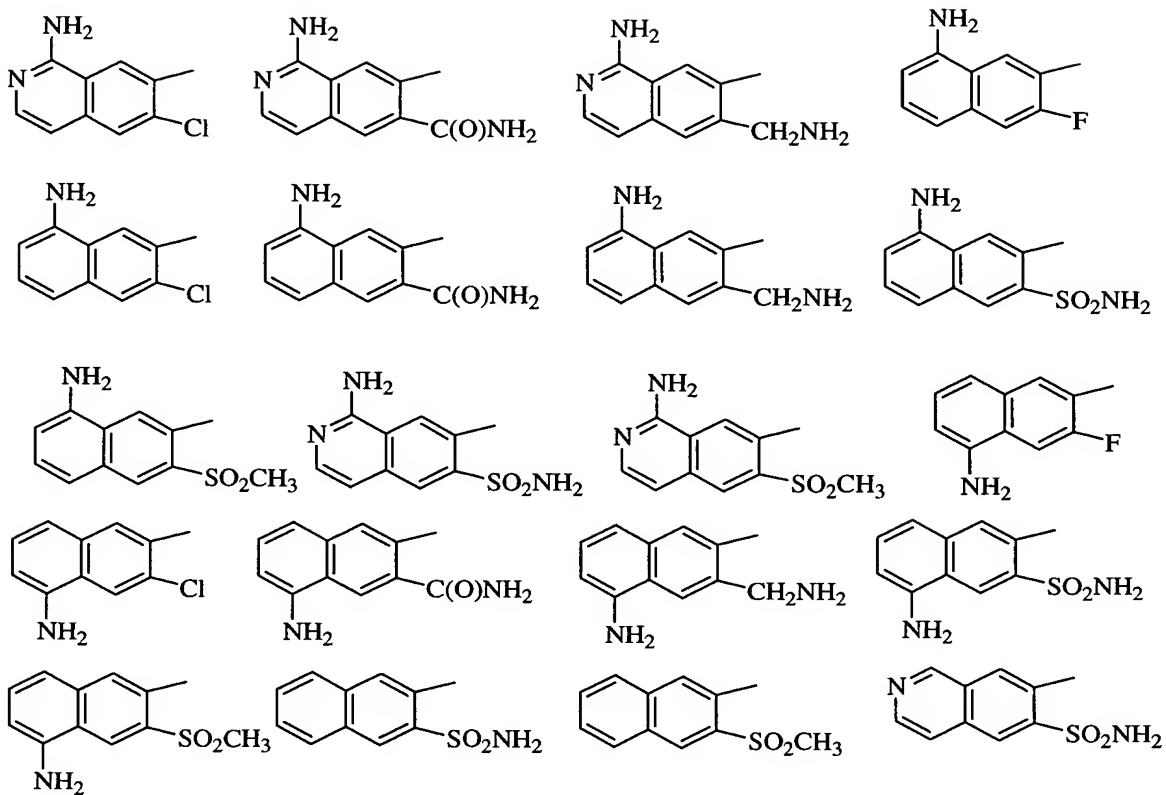


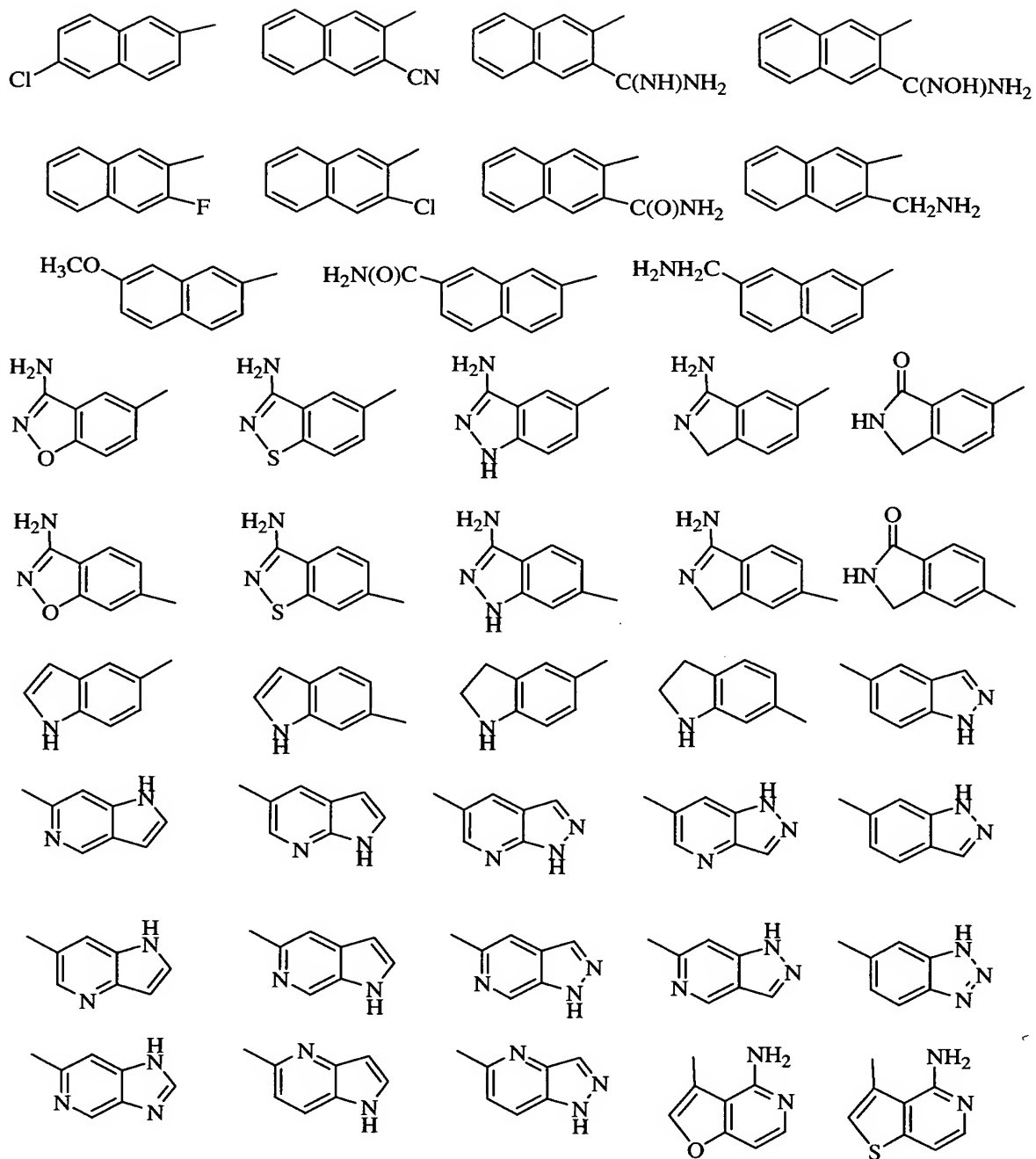
one of P_4 and M_4 is -A-B and the other - G_1 -G;

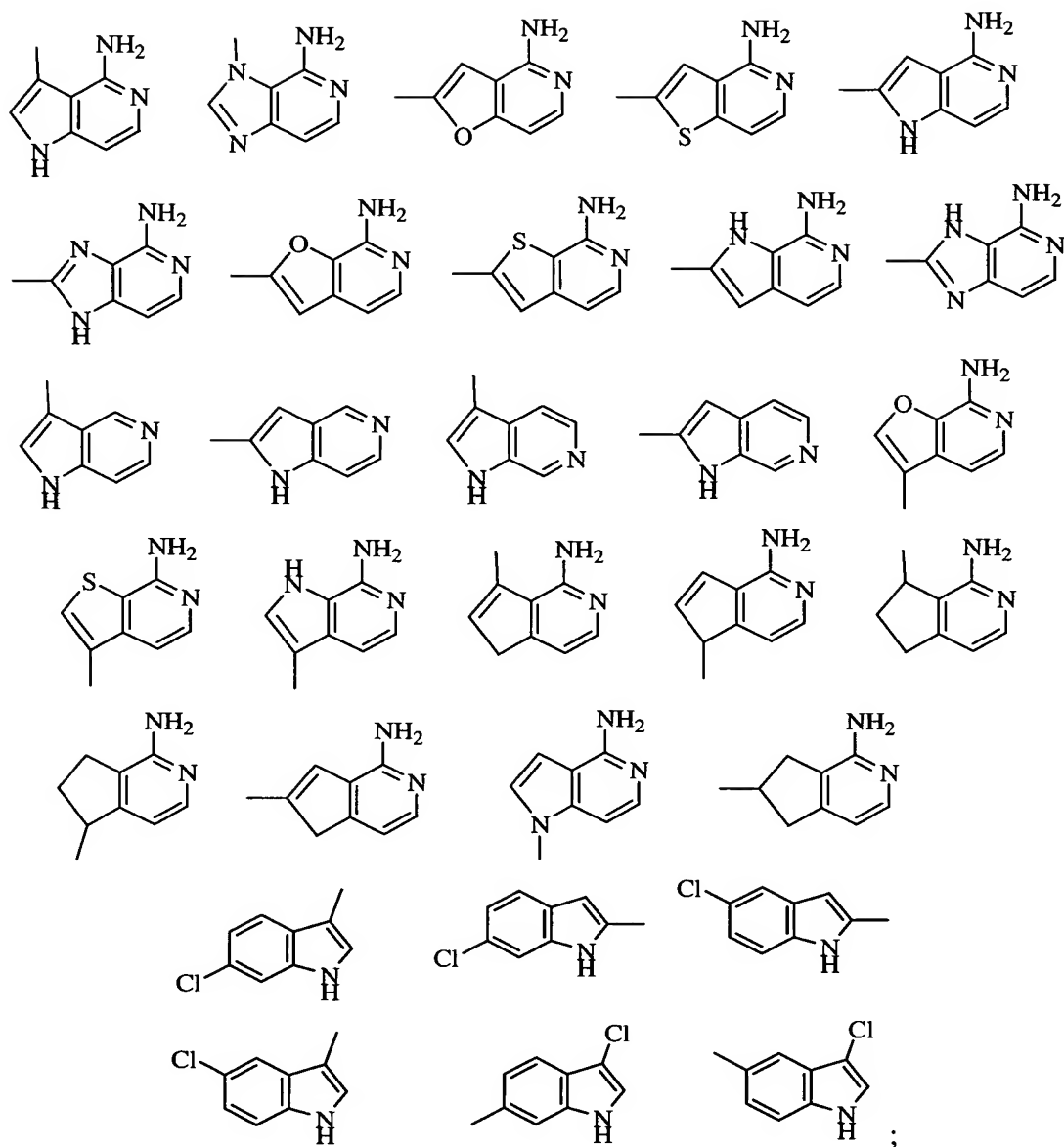
- 5 G is selected from the group: phenyl; 4-ethyl-phenyl;
 2,5-bis-aminomethyl-phenyl; 2-amido-4-methoxy-phenyl; 2-amido-5-chloro-phenyl;
 2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-3-methoxy-phenyl;
 2-aminomethyl-4-fluoro-phenyl; 2-aminomethyl-4-methoxy-phenyl;
 2-aminomethyl-5-fluoro-phenyl; 2-aminomethyl-5-methoxy-phenyl;
 10 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl;
 2-aminosulfonyl-4-methoxy-phenyl; 2-aminosulfonyl-phenyl;

- 2-hydroxy-4-methoxy-phenyl; 2-methylsulfonyl-phenyl;
 3-(N,N-dimethylamino)-4-chloro-phenyl; 3-(N,N-dimethylamino)-phenyl;
 3-(N-hydroxy-amidino)-phenyl; 3-(N-methoxy-amidino)-phenyl;
 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amidino-phenyl;
 5 3-amido-6-hydroxy-phenyl; 3-amido-phenyl; 3-amino-4-chloro-phenyl;
 3-aminomethyl-phenyl; 3-amino-phenyl; 3-chloro-4-fluoro-phenyl; 3-chloro-phenyl;
 3-hydroxy-4-methoxy-phenyl; 4-(N,N-dimethylamino)-5-chloro-thien-2-yl;
 4-(N-methylamino)-5-chloro-thien-2-yl; 4-amino-5-chloro-thien-2-yl;
 4-amino-pyrid-2-yl; 4-chloro-3-fluoro-phenyl; 4-chloro-phenyl; 4-chloro-pyrid-2-yl;
 10 4-methoxy-2-methylsulfonyl-phenyl; 4-methoxy-phenyl; 2-methoxy-pyridyl-5-yl;
 5-(N,N-dimethylamino)-4-chloro-thien-2-yl; 5-(N-methylamino)-4-chloro-thien-2-yl;
 5-amino-4-chloro-thien-2-yl; 5-chloro-2-aminosulfonyl-phenyl;
 5-chloro-2-methylsulfonyl-phenyl; 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl;
 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl;









G_1 is absent or is selected from $(CR^3R^{3a})_{1-3}$, $CR^3=CR^3$,

- 5 $(CR^3R^{3a})_u C(O)(CR^3R^{3a})_w$, $(CR^3R^{3a})_u O(CR^3R^{3a})_w$, $(CR^3R^{3a})_u NR^{3b}(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u S(O)(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(O)_2(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u S(O)NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u NR^{3b}S(O)_2(CR^3R^{3a})_w$, and
 10 $(CR^3R^{3a})_u S(O)_2NR^{3b}(CR^3R^{3a})_w$, wherein $u + w$ total 0, 1, or 2 and the right side of

G_1 is attached to ring G, provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

A is 2-6 membered linear chain consisting of: carbon atoms, 0-2 carbonyl groups, and 0-2 heteroatoms selected from O, N, and $S(O)_p$, and A is substituted with
 5 0-2 R^{1a} and 0-2 R^2 , and there are 0-1 double bonds and 0-1 triple bonds; provided that other than an S-S, S-O, or O-O bond is present in A;

B^1 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$,
 $-(CH_2)_{0-1}-C_{5-6}$ carbocycle substituted with 0-2 R^{4b} , and $-(CH_2)_{0-1}-5-6$ membered
 10 heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} ;

B^2 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $C(O)R^{2e}$,
 $C(O)NR^{2d}R^{2d}$, $SO_2NR^{2d}R^{2d}$, and $S(O)_pR^{5a}$;

B^3 is selected from H, C_{1-6} alkyl substituted with 0-1 R^{4c} , $-(CH_2)_{0-1}-3-6$
 membered carbocycle substituted with 0-1 R^5 , and a $-(CH_2)_{0-1}-5-6$ membered
 15 heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-1 R^5 ;

B^4 is selected from H, SO_2R^{3b} and OR^2 ;

B^5 is NR^2R^{2f} ;

ring Q is a 5-6 membered ring consisting of, in addition to the $N-CR^{4d}=N$
 20 group shown, carbon atoms and 0-2 heteroatoms selected from N, O, and $S(O)_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

Q^4 is selected from $C=O$ and SO_2 ;

ring Q^3 is a 5-7 membered ring consisting of, in addition to the $N-Q^4$ group
 shown, carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$,
 25 wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R^{4a} ;

alternatively, ring Q^3 is a 5-7 membered ring to which another ring is fused,
 wherein: the 5-7 membered ring consists of, in addition to the shown amide group,
 carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$, and
 30 0-1 double bonds are present within the ring; the fusion ring is phenyl or a 5-6

membered heteroaromatic consisting of carbon atoms and 1-2 heteroatoms selected from NR^{4c}, O, and S;

ring Q³, which includes the 5-7 membered ring and the fusion ring, is substituted with 0-3 R^{4a};

5 ring Q⁵, is a C₃₋₆ monocyclic carbocycle or 5-6 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p, the carbocycle or heterocycle further comprises 0-1 double bonds and 0-1 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R⁴;

10 Y is CY¹Y²R^{4a}, and Y¹ and Y² are independently C₁₋₂ alkyl substituted with 0-1 R⁴;

alternatively, Y is selected from one of the following carbocycles and heterocycles that are substituted with 1 R^{4a} and 0-1 R⁴: cyclopentyl, cyclohexyl, phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, 15 pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, oxadiazolyl, thiadiazolyl, triazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl, 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl, 1,3,4-triazolyl, benzofuranyl, benzothiofuranyl, indolyl, benzimidazolyl, 20 benzimidazolonyl, benzoxazolyl, benzthiazolyl, indazolyl, benzisoxazolyl, benzisothiazolyl, and isoindazolyl;

R^{1a} is selected from H, R^{1b}, CH(CH₃)R^{1b}, C(CH₃)₂R^{1b}, CH₂R^{1b}, and CH₂CH₂R^{1b}, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

25 alternatively, when two R^{1a} groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

R^{1b} is selected from H, CH₃, CH₂CH₃, F, Cl, Br, -CN, -CHO, CF₃, OR², NR²R^{2a}, C(O)R^{2b}, CO₂R^{2b}, OC(O)R², CO₂R^{2a}, S(O)_pR^{2b}, NR²(CH₂)_rOR², 30 NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, NR²SO₂R², phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4

heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

- 5 R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-2 R^{4b}, a benzyl substituted with 0-2 R^{4b}, and a 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

- R^{2a}, at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-2 R^{4b}, phenyl substituted with 10 0-2 R^{4b}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

- alternatively, NR²R^{2a} forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional 15 heteroatoms selected from the group consisting of N, O, and S(O)_p;

- R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-2 R^{4b}, phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted 20 with 0-2 R^{4b};

- R^{2c}, at each occurrence, is selected from CF₃, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-2 R^{4b}, phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, 25 O, and S(O)_p, and substituted with 0-2 R^{4b};

- R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting 30 of N, O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle substituted with 0-2

R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p$ - $S(O)_p$, S-O, O-N, O-S, or O-O moiety;

R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with
 5 0-2 R^{4c} , C_{3-6} carbocycle substituted with 0-2 R^{4c} , $-(CR^3R^{3a})$ - C_{3-6} carbocycle substituted with 0-2 R^{4c} , 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and $-(CR^3R^{3a})$ -5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group
 10 consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a C(O)-halo or C(O)- $S(O)_p$ moiety;

R^{2f} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, OCH_3 , and benzyl;

alternatively, NR^2R^{2f} forms a 5-6 membered ring consisting of: carbon atoms
 15 and 0-2 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-2 R^{4b} ;

alternatively, B^4 and R^{2f} combine to form a 5-6 membered ring consisting of: carbon atoms and 0-1 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-2 R^{4b} and the R^2 group of NR^2R^{2f} , in addition to the groups
 20 recited below, can be SO_2R^{3b} ;

R^{3b} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, and $CH(CH_3)_2$;

R^4 , at each occurrence, is selected from H, =O, CH_2OR^2 , $(CH_2)_2OR^2$, OR^2 , F, Cl, Br, I, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$,
 25 $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $(CH_2)_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $NR^2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, CF_3 , and CF_2CF_3 ;

R^{4a} is selected from $-(CR^3R^{3g})_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CR^3R^{3g})_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and

consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rNR^{2d}R^{2d}, (CR³R^{3g})_rN(→O)R^{2d}R^{2d}, (CR³R^{3g})_rOR^{2d}, (CR³R^{3g})_rNR^{2d}C(O)R^{2e}, (CR³R^{3g})_rC(O)R^{2e}, (CR³R^{3g})_rOC(O)R^{2e}, (CR³R^{3g})_rC(O)NR^{2d}R^{2d}, (CR³R^{3g})_rC(O)OR^{2d}, (CR³R^{3g})_rNR^{2d}C(O)NR^{2d}R^{2d},
 5 (CR³R^{3g})_rNR^{2d}C(O)OR^{2d}, (CR³R^{3g})_rSO₂NR^{2d}R^{2d}, (CR³R^{3g})_rNR^{2d}SO₂R^{2d}, and (CR³R^{3g})_rS(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

R^{4b}, at each occurrence, is selected from H, =O, OR³, CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c}, CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a},
 10 C(O)NR³R^{3a}, CH₂C(O)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, CH₂NR³SO₂-phenyl, S(O)_pCF₃, CH₂S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CH₂S(O)_p-phenyl, and CF₃;

R^{4c}, at each occurrence, is selected from =O, OR², (CR³R^{3a})OR², F,
 15 (CR³R^{3a})F, Br, (CR³R^{3a})Br, Cl, (CR³R^{3a})Cl, CF₃, (CR³R^{3a})CF₃, C₁₋₄ alkyl, C₂₋₃ alkenyl, C₂₋₃ alkynyl, -CN, (CR³R^{3a})CN, NO₂, (CR³R^{3a})NO₂, NR²R^{2a}, (CR³R^{3a})NR²R^{2a}, N(→O)R²R^{2a}, (CR³R^{3a})N(→O)R²R^{2a}, C(O)R^{2c}, (CR³R^{3a})C(O)R^{2c}, NR²C(O)R^{2b}, (CR³R^{3a})NR²C(O)R^{2b}, C(O)NR²R^{2a}, (CR³R^{3a})C(O)NR²R^{2a}, NR²C(O)NR²R^{2a}, (CR³R^{3a})NR²C(O)NR²R^{2a}, SO₂NR²R^{2a},
 20 (CR³R^{3a})SO₂NR²R^{2a}, NR²SO₂NR²R^{2a}, (CR³R^{3a})NR²SO₂NR²R^{2a}, NR²SO₂R^{5a}, (CR³R^{3a})NR²SO₂R^{5a}, S(O)_pR^{5a}, (CR³R^{3a})S(O)_pR^{5a}, CF₃, CF₂CF₃, C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, (CR³R^{3a})C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, 5-10 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, and
 25 (CR³R^{3a})-5-10 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};

R^{4d}, at each occurrence, is selected from H, OR², CH₂OR², CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃,

$C(CH_3)_3$, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$,
 $NR^2C(O)NR^2R^{2a}$, $NR^2SO_2R^5$, $SO_2NR^2R^{2a}$, 6 membered carbocycle substituted with
 0-1 R^5 , and a 5-6 membered heterocycle consisting of: carbon atoms and 1-2
 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted
 5 with 0-1 R^5 ;

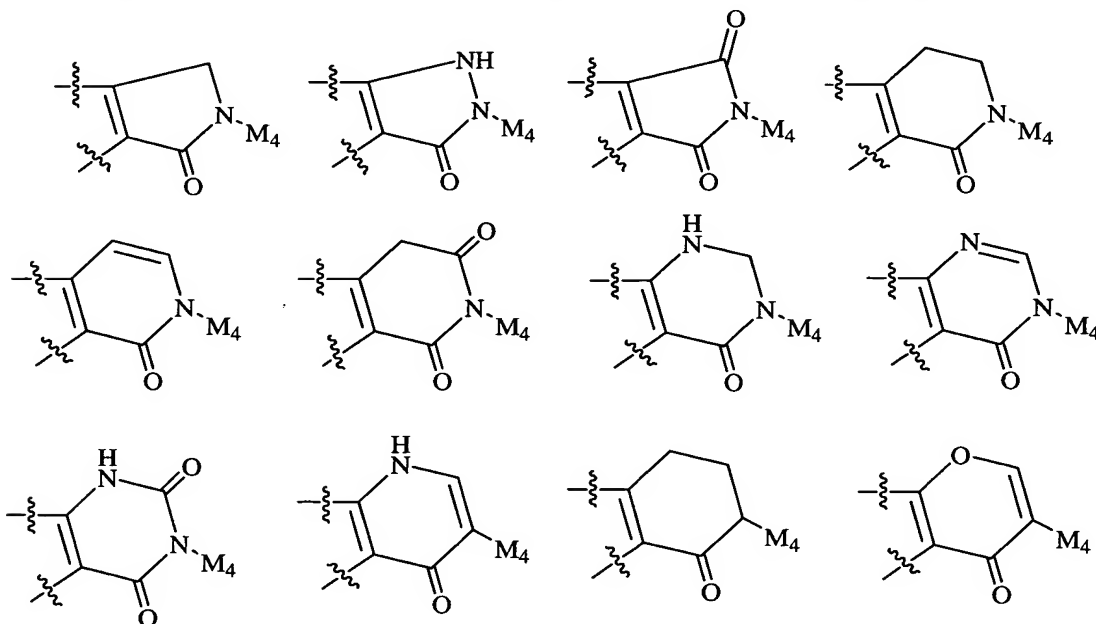
R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,
 $CH(CH_3)_2$, OR^3 , CH_2OR^3 , F, Cl, $-CN$, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$,
 $CH_2C(O)R^3$, $C(O)OR^{3c}$, $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$,
 $NR^3SO_2-C_{1-4}$ alkyl, $NR^3SO_2CF_3$, NR^3SO_2 -phenyl, $S(O)_pCF_3$, $S(O)_p-C_{1-4}$ alkyl,
 10 $S(O)_p$ -phenyl, CF_3 , phenyl substituted with 0-2 R^6 , naphthyl substituted with 0-2 R^6 ,
 and benzyl substituted with 0-2 R^6 ; and

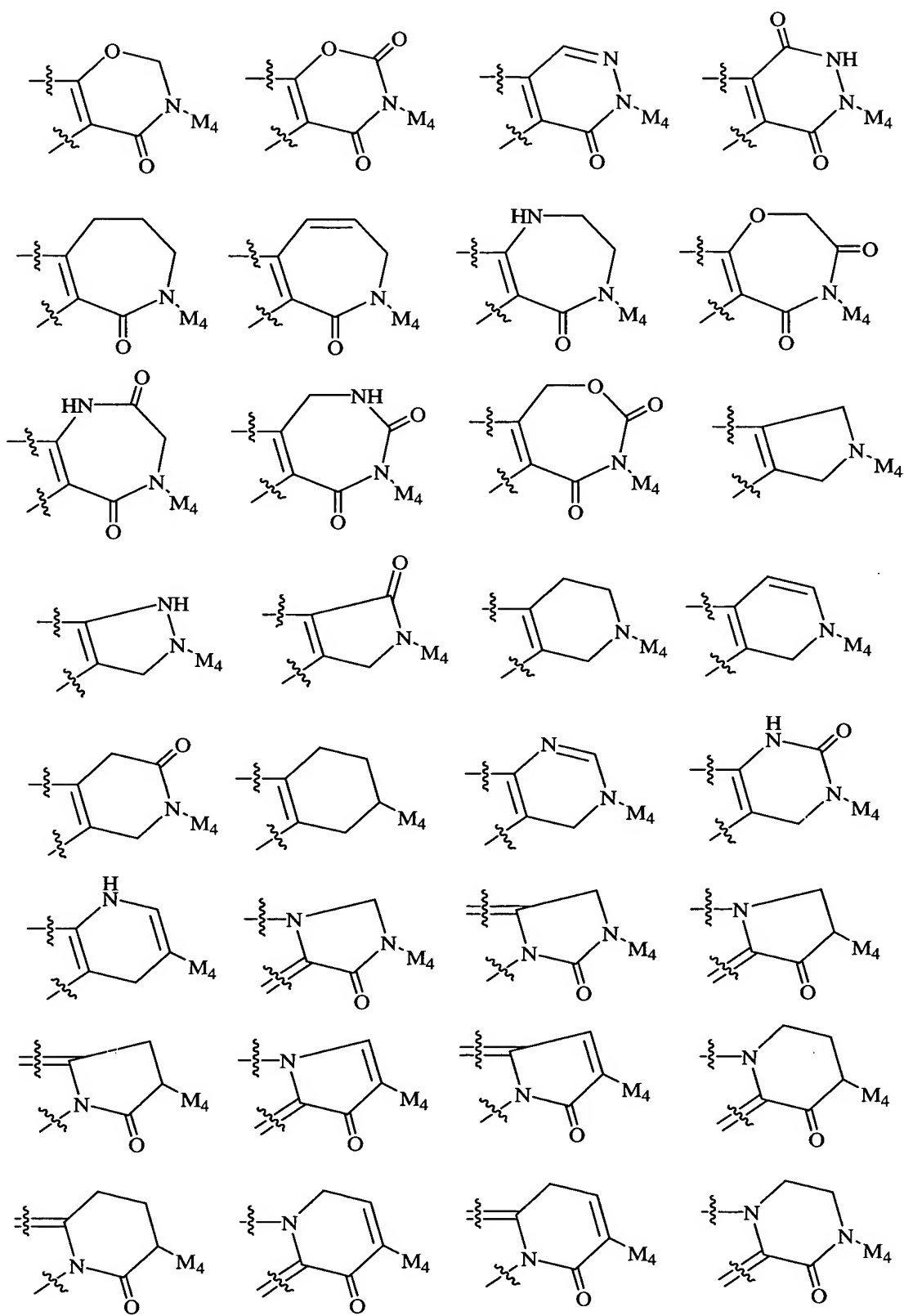
R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl, CH_3 , CH_2CH_3 ,
 $CH_2CH_2CH_3$, $CH(CH_3)_2$, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$,
 $NR^2C(O)R^{2b}$, $SO_2NR^2R^{2a}$, and $NR^2SO_2C_{1-4}$ alkyl.

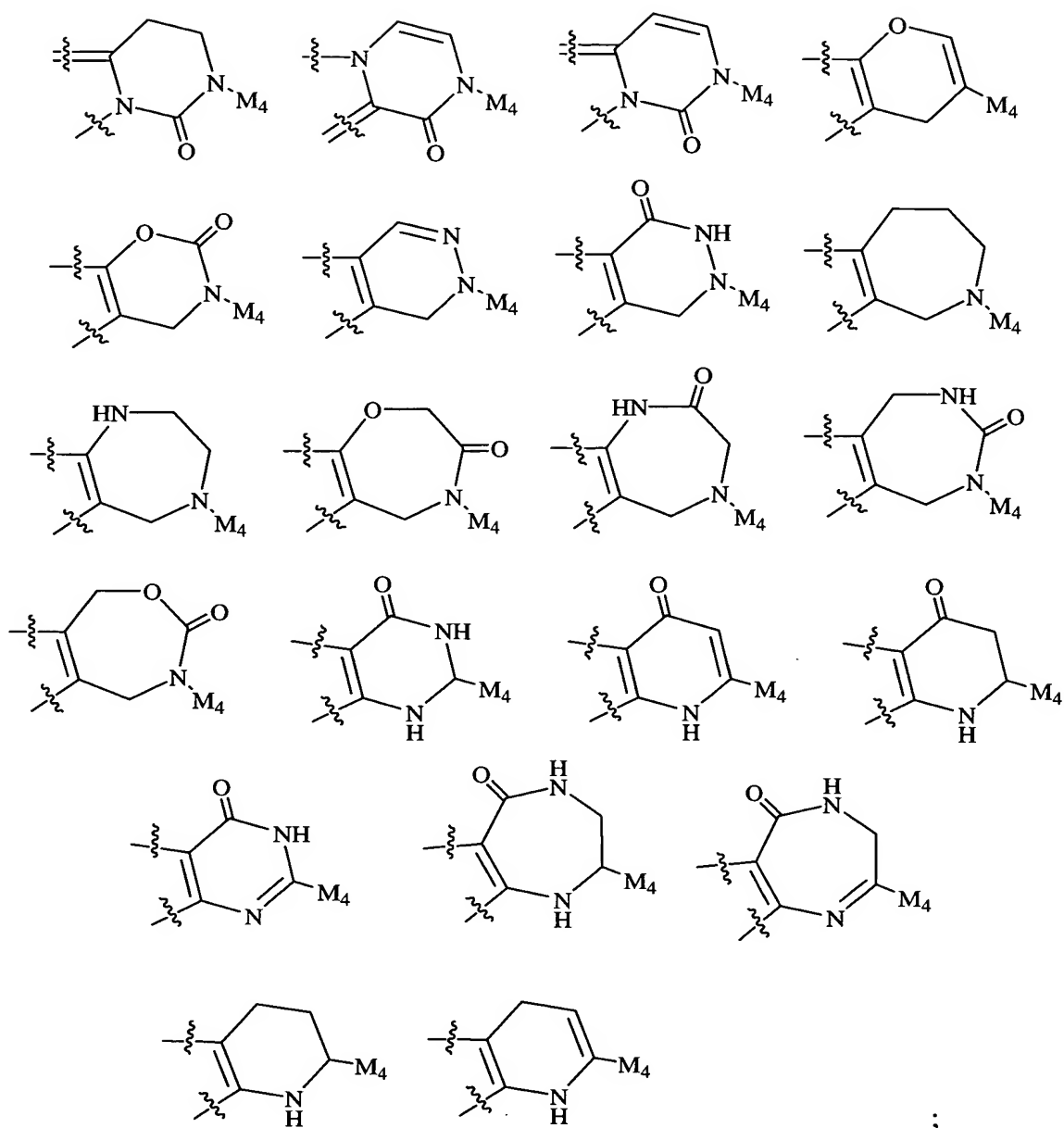
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4. A compound according to Claim 3, wherein:

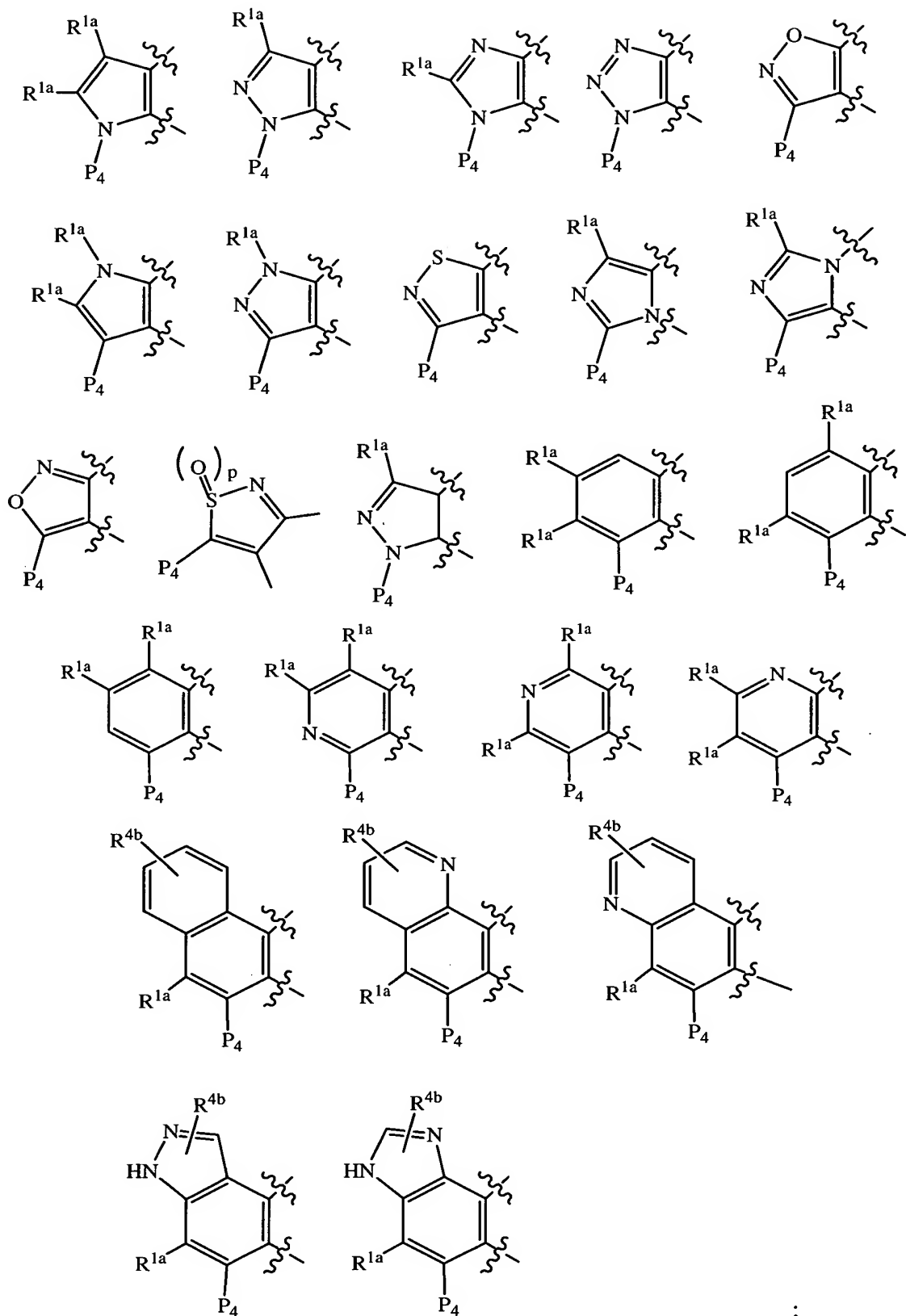
ring M is substituted with 0-2 R^{1a} and is selected from the group:





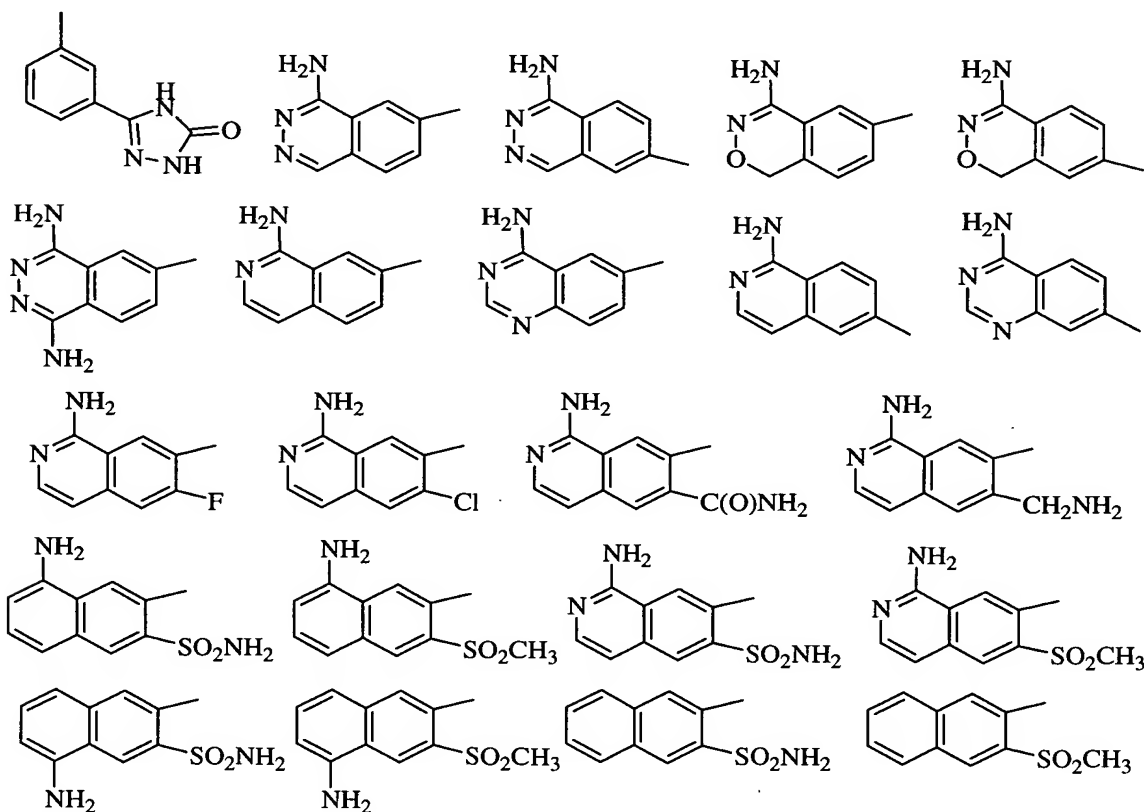


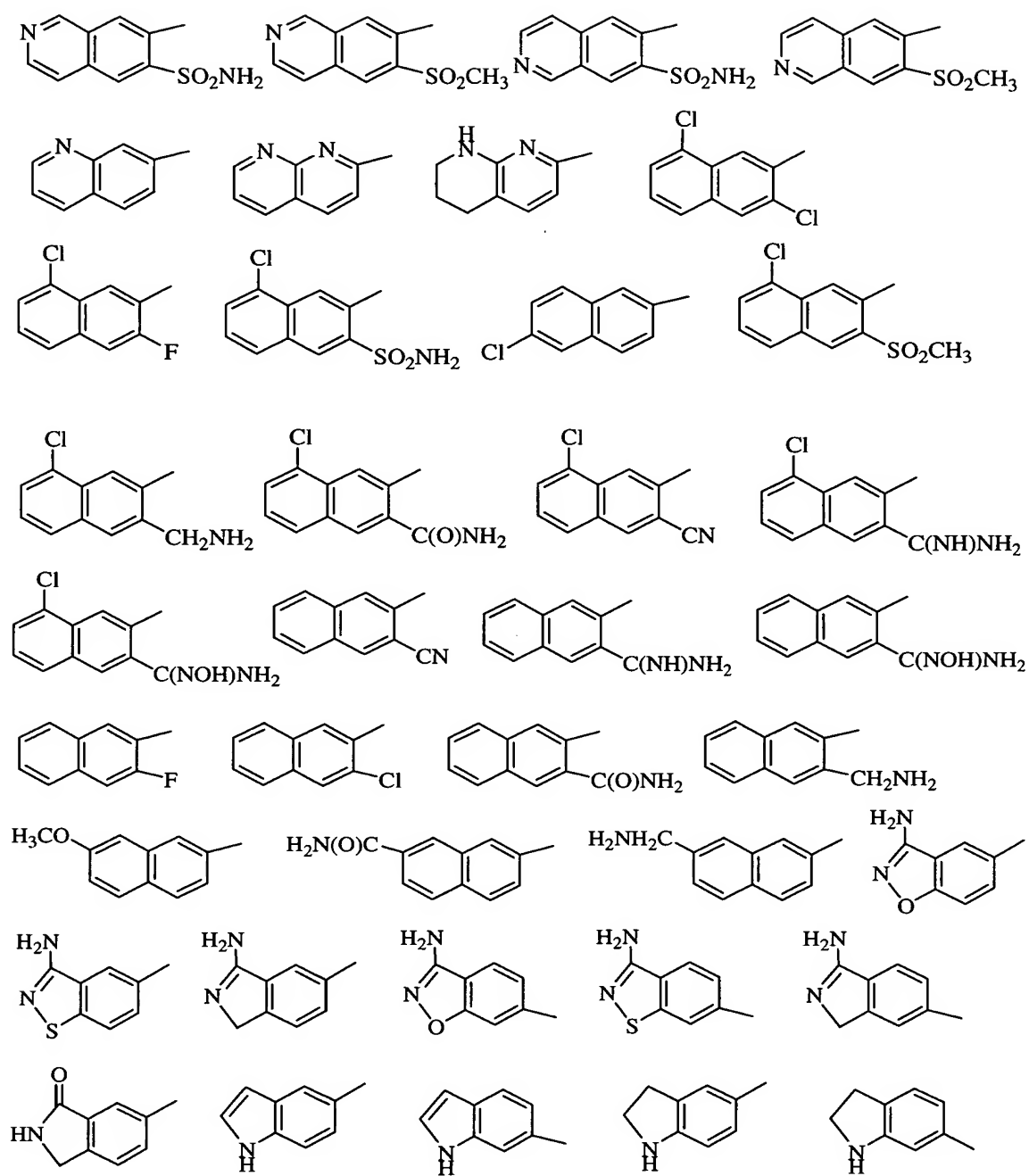
5 ring P, including P₁, P₂, P₃, and P₄ is selected from group:

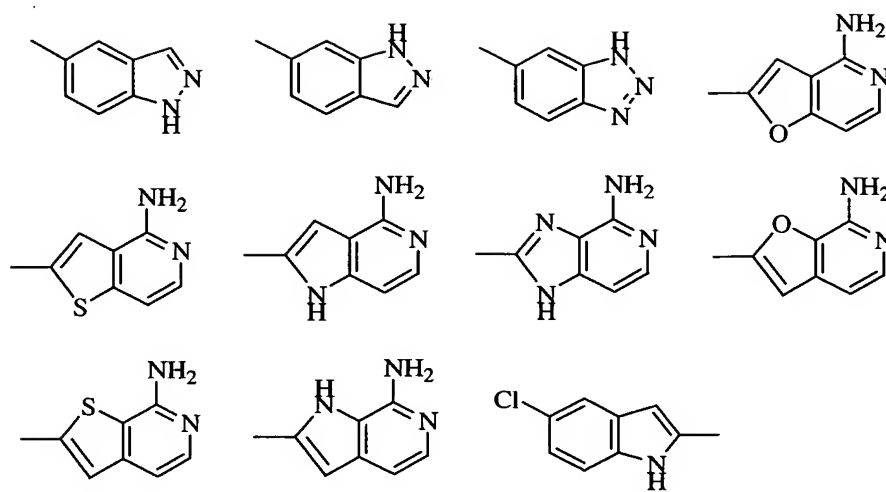


one of P_4 and M_4 is $-A-B$ and the other $-G$;

- [00699] G is selected from the group: 2-amido-4-methoxy-phenyl;
 2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-4-fluoro-phenyl;
 2-aminomethyl-4-methoxy-phenyl; 2-aminomethyl-5-fluoro-phenyl;
 2-aminomethyl-5-methoxy-phenyl; 2-aminomethyl-6-fluoro-phenyl;
 5 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
 2-aminosulfonyl-phenyl; 2-methylsulfonyl-phenyl;
 3-(N,N-dimethylamino)-4-chloro-phenyl; 3-(N,N-dimethylamino)-phenyl;
 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amido-phenyl;
 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl; 3-amino-phenyl; 3-chloro-phenyl;
 10 4-(N,N-dimethylamino)-5-chloro-thien-2-yl; 4-(N-methylamino)-5-chloro-thien-2-yl;
 4-amino-5-chloro-thien-2-yl; 4-chloro-phenyl; 4-methoxy-2-methylsulfonyl-phenyl;
 4-methoxy-phenyl; 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
 5-(N-methylamino)-4-chloro-thien-2-yl; 5-amino-4-chloro-thien-2-yl;
 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl;
 15 6-amino-pyrid-2-yl; 3-amidino-phenyl;



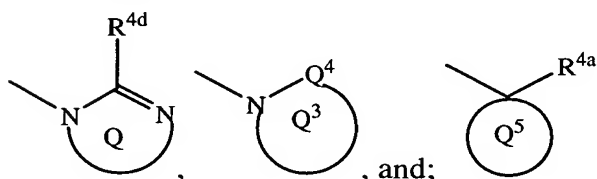
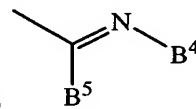




G_1 is absent or is selected from CH_2 , CH_2CH_2 , CH_2O , OCH_2 , NH , CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$, wherein the right side of G_1 is attached to ring G, provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

A is 2-6 membered linear chain consisting of: carbon atoms, 0-1 carbonyl groups, and 0-1 heteroatoms selected from O, N, and $S(O)_p$, and A is substituted with 0-1 R^{1a} and 0-2 R^2 , and there are 0-1 double bonds; provided that other than an S-S, S-O, or O-O bond is present in A;

B is selected from Y, $N(B^1)C(O)C(R^3R^{3g})NB^2B^3$,



; provided that the R^{4d} shown is other than OH;

B^1 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, and $CH(CH_3)_2$;

B^2 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, and $CH(CH_3)_2$;

B^3 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, C_{2-5} alkyl substituted with 1 R^{4c} , $-(CH_2)_{0-1}$ -3-6 membered carbocycle substituted with 0-1 R^5 ,

and a $-(\text{CH}_2)_{0-1}$ -5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$ and substituted with 0-1 R^5 ;

B^4 is selected from H, SO_2R^{3b} and OR^2 ;

5 B^5 is NR^2R^{2f} ;

ring Q is a 5-6 membered ring consisting of, in addition to the $\text{N-CR}^{4d}=\text{N}$ group shown, carbon atoms and 0-1 heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

Q^4 is selected from $\text{C}=\text{O}$ and SO_2 ;

10 ring Q^3 is a 6-7 membered ring consisting of, in addition to the N-Q^4 group shown, carbon atoms and 0-1 heteroatoms selected from NR^{4c} , O, S, $\text{S}(\text{O})$, and $\text{S}(\text{O})_2$, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R^4 ;

alternatively, ring Q^3 is a 5-7 membered ring to which another ring is fused,
15 wherein: the 5-7 membered ring consists of, in addition to the shown amide group, carbon atoms and 0-1 heteroatoms selected from NR^{4c} , O, S, $\text{S}(\text{O})$, and $\text{S}(\text{O})_2$, and 0-1 double bonds are present within the ring; the fusion ring is phenyl;

ring Q^3 , which includes the 5-7 membered ring and the fusion ring, is substituted with 0-2 R^4 ;

20 ring Q^5 is selected from cyclopropyl, cyclobutyl, cyclopentyl, cyclopentanonyl, cyclohexyl, cyclohexanonyl, pyrrolidinyl, pyrrolidinonyl, piperidinyl, piperidinonyl, tetrahydrofuranyl, and tetrahydropyranyl, and is substituted with 0-1 R^4 ;

Y is selected from $\text{C}(\text{CH}_3)_2\text{R}^{4a}$ and $\text{C}(\text{CH}_2\text{CH}_3)_2\text{R}^{4a}$;

25 alternatively, Y is selected from phenyl, pyridyl, pyrrolidino, morpholino, 1,2,3-triazolyl, imidazolyl, and benzimidazolyl, and is substituted with 1 R^{4a} and 0-1 R^4 ;

R^{1a} , at each occurrence, is selected from H, R^{1b} , $\text{CH}(\text{CH}_3)\text{R}^{1b}$, $\text{C}(\text{CH}_3)_2\text{R}^{1b}$, and CH_2R^{1b} , provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

R^{1b} is selected from CH_3 , CH_2CH_3 , F, Cl, Br, -CN, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , CO_2R^{2a} , $S(O)_pR^{2b}$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} , provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

R^2 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, phenyl substituted with 0-1 R^{4b} , benzyl substituted with 0-1 R^{4b} , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-1 R^{4b} ;

R^{2a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl substituted with 0-1 R^{4b} , phenyl substituted with 0-1 R^{4b} , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-1 R^{4b} ;

alternatively, NR^2R^{2a} forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

R^{2b} , at each occurrence, is selected from OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl substituted with 0-1 R^{4b} , phenyl substituted with 0-1 R^{4b} , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-1 R^{4b} ;

R^{2c} , at each occurrence, is selected from OH, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl substituted with 0-1 R^{4b} , phenyl substituted with 0-1 R^{4b} , and 5-6 membered aromatic heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-1 R^{4b} ;

R^{2d} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , C_{3-6} carbocycle substituted with 0-2 R^{4c} , $-(CH_2)-C_{3-6}$ carbocycle substituted

with 0-2 R^{4c} , 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e} , at each occurrence, is selected from H, R^{4c} , C₁₋₄ alkyl substituted with 0-2 R^{4c} , C₃₋₆ carbocycle substituted with 0-2 R^{4c} , -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c} , 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R^{2f} , at each occurrence, is selected from H, CH₃, CH₂CH₃, OCH₃, and benzyl;

alternatively, NR²R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-1 additional heteroatoms selected from N, O, and S(O)_p, and this ring is substituted with 0-1 R^{4b} ;

alternatively, B⁴ and R^{2f} combine to form a 5 membered ring consisting of: carbon atoms and 0-1 additional heteroatoms selected from N, O, and S(O)_p, and this ring is substituted with 0-2 R^{4b} and the R^2 group of NR²R^{2f}, in addition to the groups recited below, can be SO₂R^{3b};

R^{3b} , at each occurrence, is selected from H and CH₃;

R^4 , at each occurrence, is selected from H, =O, OH, OR², CH₂OR², (CH₂)₂OR², F, Br, Cl, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, CF₃, and CF₂CF₃;

R^{4a} is selected from -(CR³R^{3g})_r-5-6 membered carbocycle substituted with 0-3 R^{4c} , -(CR³R^{3g})_r-5-6 membered heterocycle substituted with 0-3 R^{4c} and

consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rNR^{2d}R^{2d}, (CR³R^{3g})_rN(→O)R^{2d}R^{2d}, (CR³R^{3g})_rOR^{2d}, (CR³R^{3g})_rNR^{2d}C(O)R^{2e}, (CR³R^{3g})_rC(O)R^{2e}, (CR³R^{3g})_rC(O)NR^{2d}R^{2d}, (CR³R^{3g})_rNR^{2d}C(O)NR^{2d}R^{2d}, (CR³R^{3g})_rNR^{2d}C(O)OR^{2d}, (CR³R^{3g})_rNR^{2d}SO₂R^{2d},
 5 and (CR³R^{3g})_rS(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

R^{4b}, at each occurrence, is selected from H, =O, OR³, CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, and CF₃;
 10 R^{4c}, at each occurrence, is selected from =O, OR², CH₂OR², F, Br, Cl, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, C₂₋₃ alkenyl, C₂₋₃ alkynyl, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, N(→O)R²R^{2a}, CH₂N(→O)R²R^{2a}, C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a},
 15 CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, CH₂S(O)_pR^{5a}, CF₃, CF₂CF₃, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, (CH₂)C₃₋₆ carbocycle substituted with 0-2 R^{4b}, 5-6 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, and (CH₂)-5-6 membered heterocycle consisting of carbon atoms and
 20 from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};

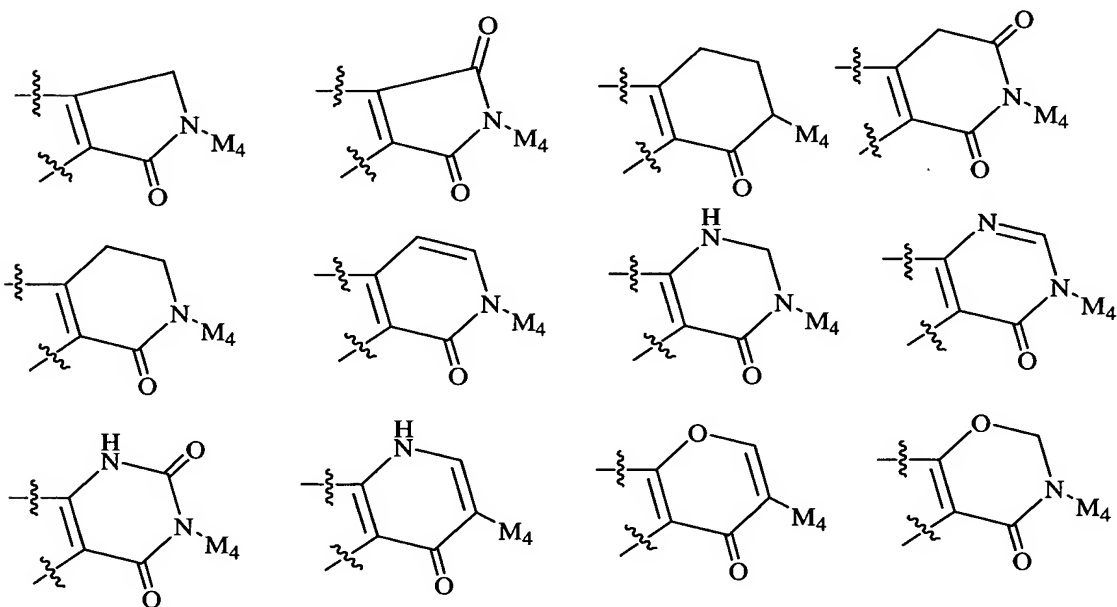
R^{4d}, at each occurrence, is selected from H, OR², CH₂OR², CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a},
 25 NR²SO₂R⁵, phenyl substituted with 0-1 R⁵, and a 5-6 membered heterocycle consisting of: carbon atoms and 1 heteroatom selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵;

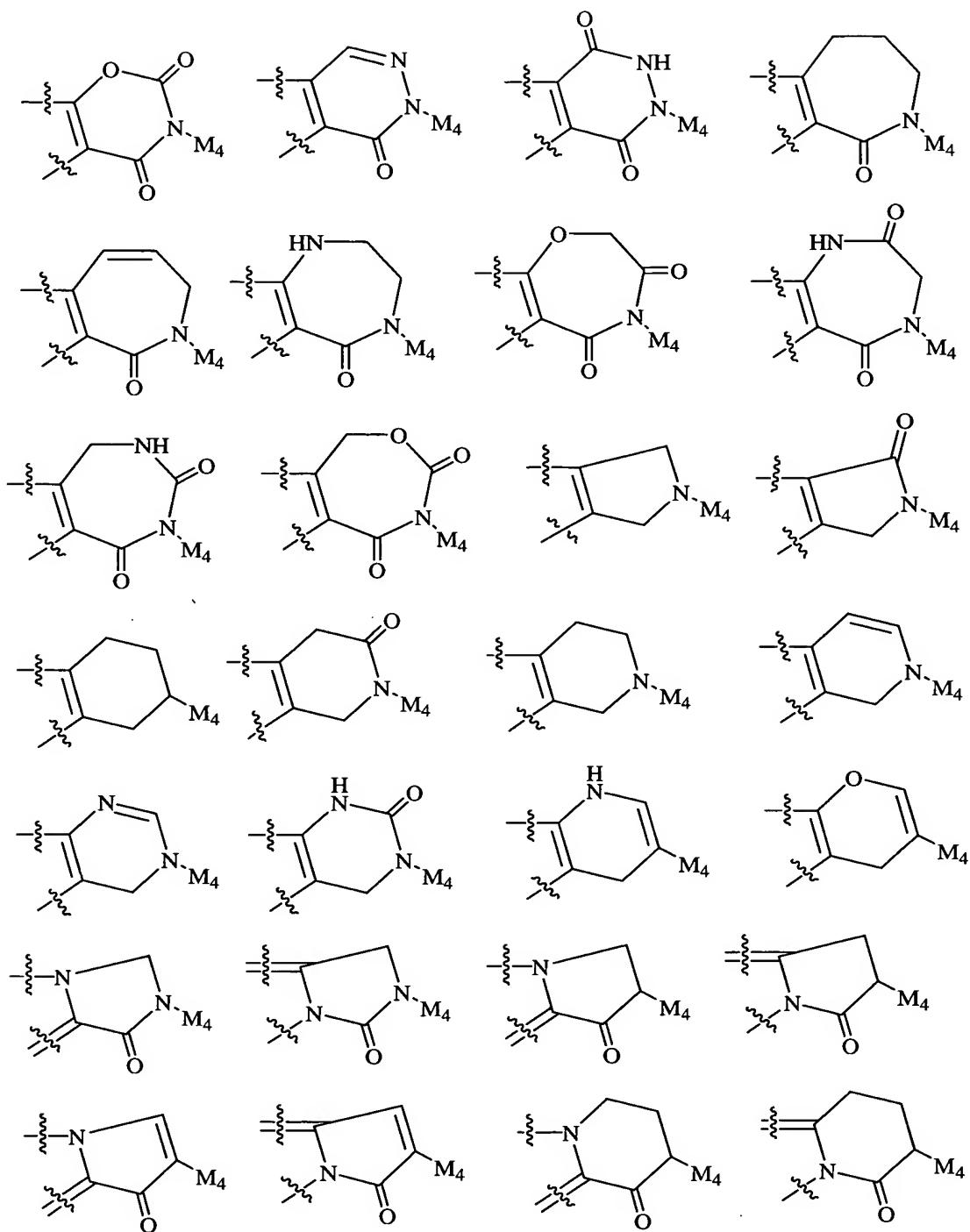
- R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, OR^3 , CH_2OR^3 , F, Cl, -CN, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, NR^3SO_2 -phenyl, $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, CF_3 , phenyl substituted with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and benzyl substituted with 0-2 R^6 ; and,
- R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$, and $SO_2NR^2R^{2a}$.

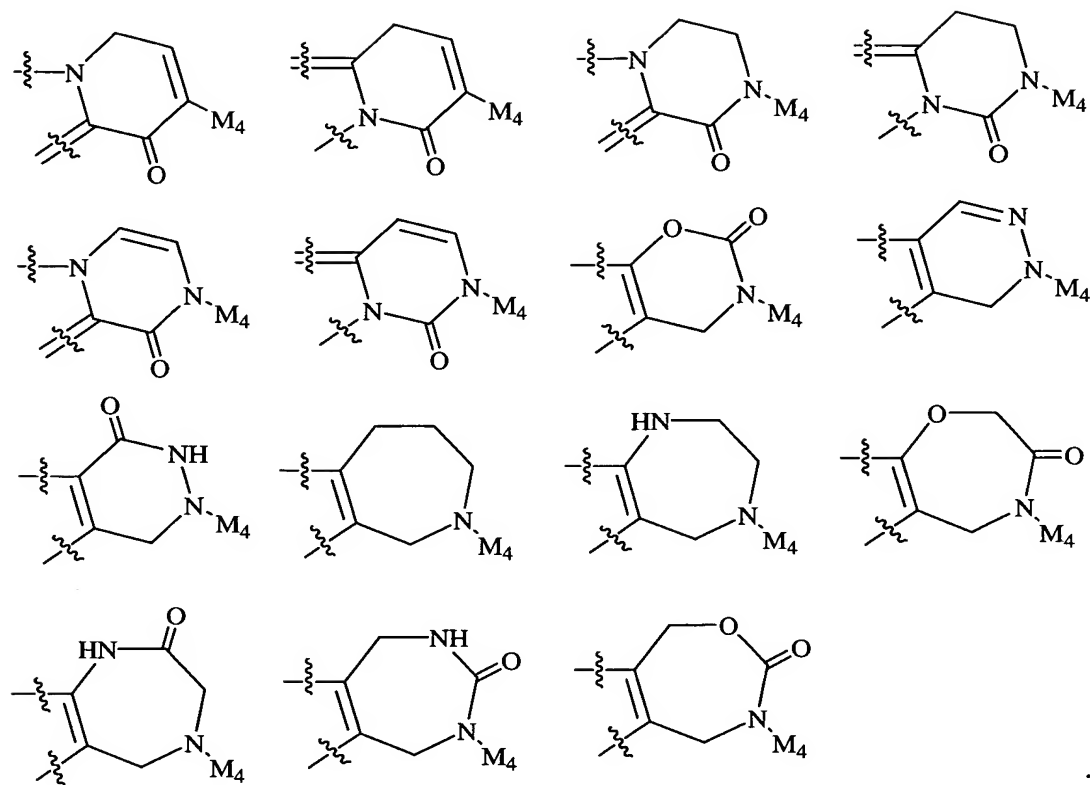
10

5. A compound according to Claim 4, wherein:

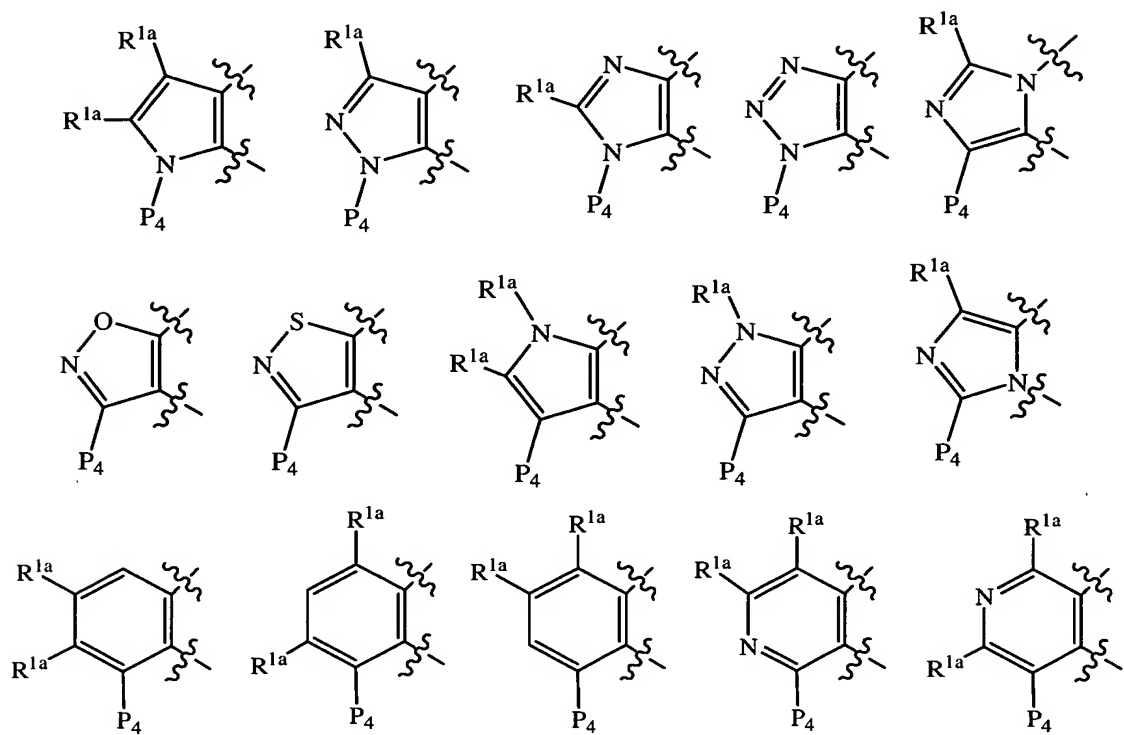
ring M is substituted with 0-1 R^{1a} and is selected from the group:





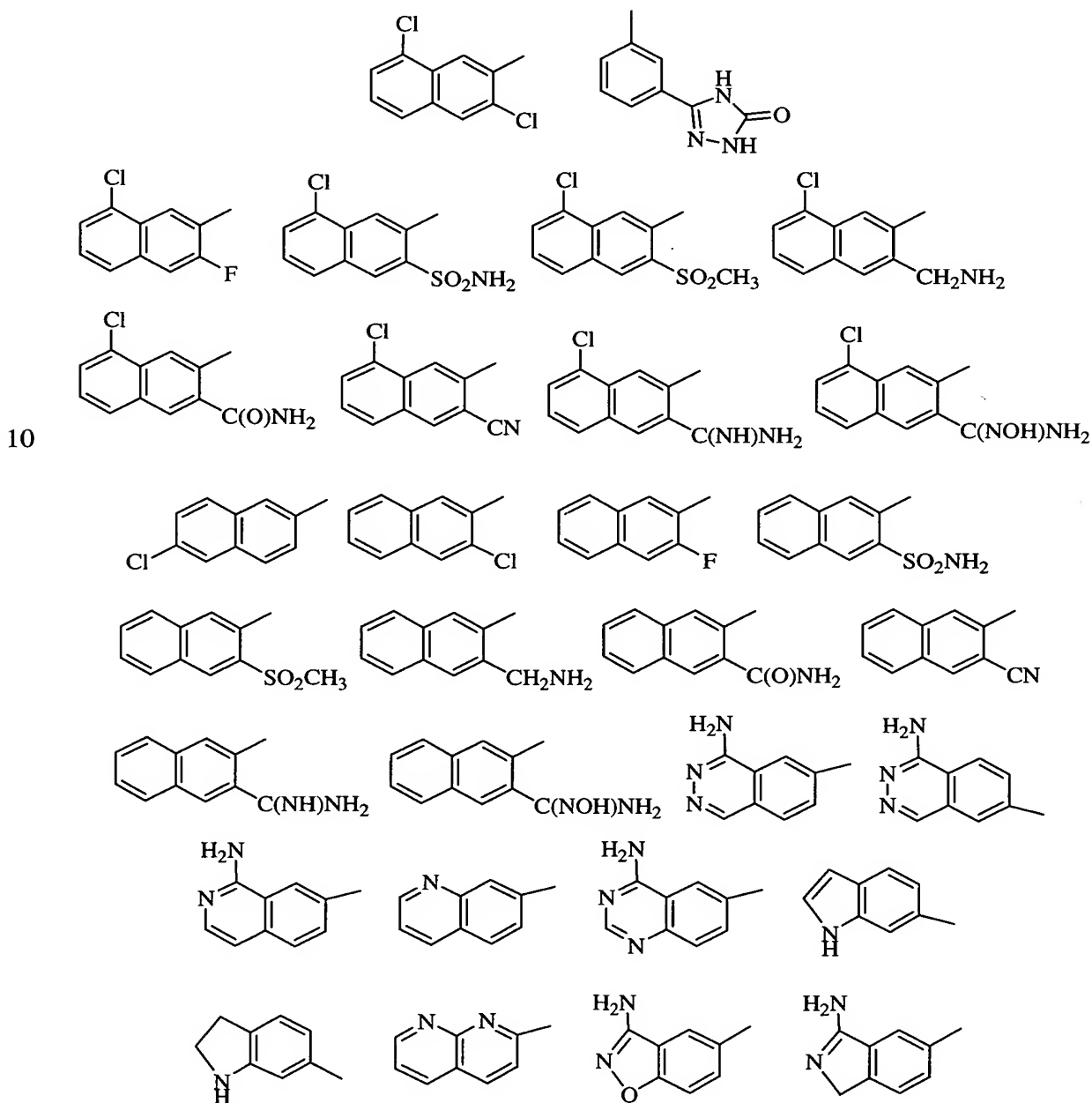


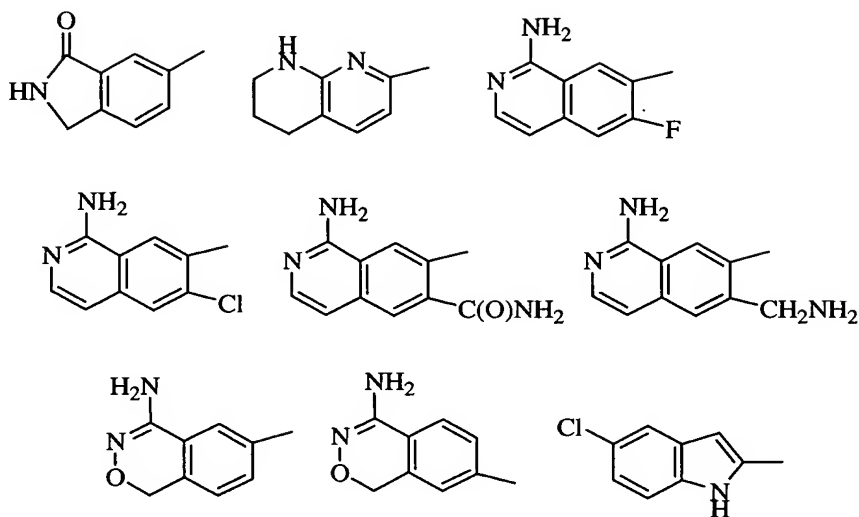
ring P, including P₁, P₂, P₃, and P₄ is selected from group:



one of P₄ and M₄ is -A-B and the other -G;

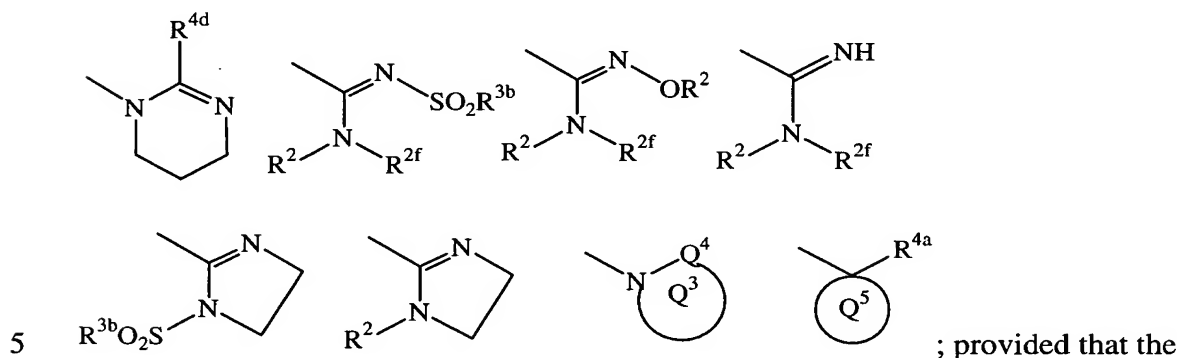
- [00700] G is selected from: 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-4-fluoro-phenyl;
 2-aminomethyl-5-fluoro-phenyl; 2-aminomethyl-6-fluoro-phenyl;
 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
 5 2-aminosulfonyl-phenyl; 3-amido-phenyl; 3-amino-4-chloro-phenyl;
 3-aminomethyl-phenyl; 3-chloro-phenyl; 4-chloro-phenyl; 4-methoxy-phenyl;
 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl;
 6-amino-pyrid-2-yl; 3-amidino-phenyl;





A is 2-6 membered linear chain consisting of: carbon atoms, 0-1 carbonyl groups, and A is substituted with 0-1 R^{1a} and 0-2 R^2 , and there are 0-1 double bonds;

B is selected from Y, $N(B^1)C(O)C(R^3R^{3g})NB^2B^3$,

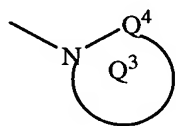


R^{4d} shown is other than OH;

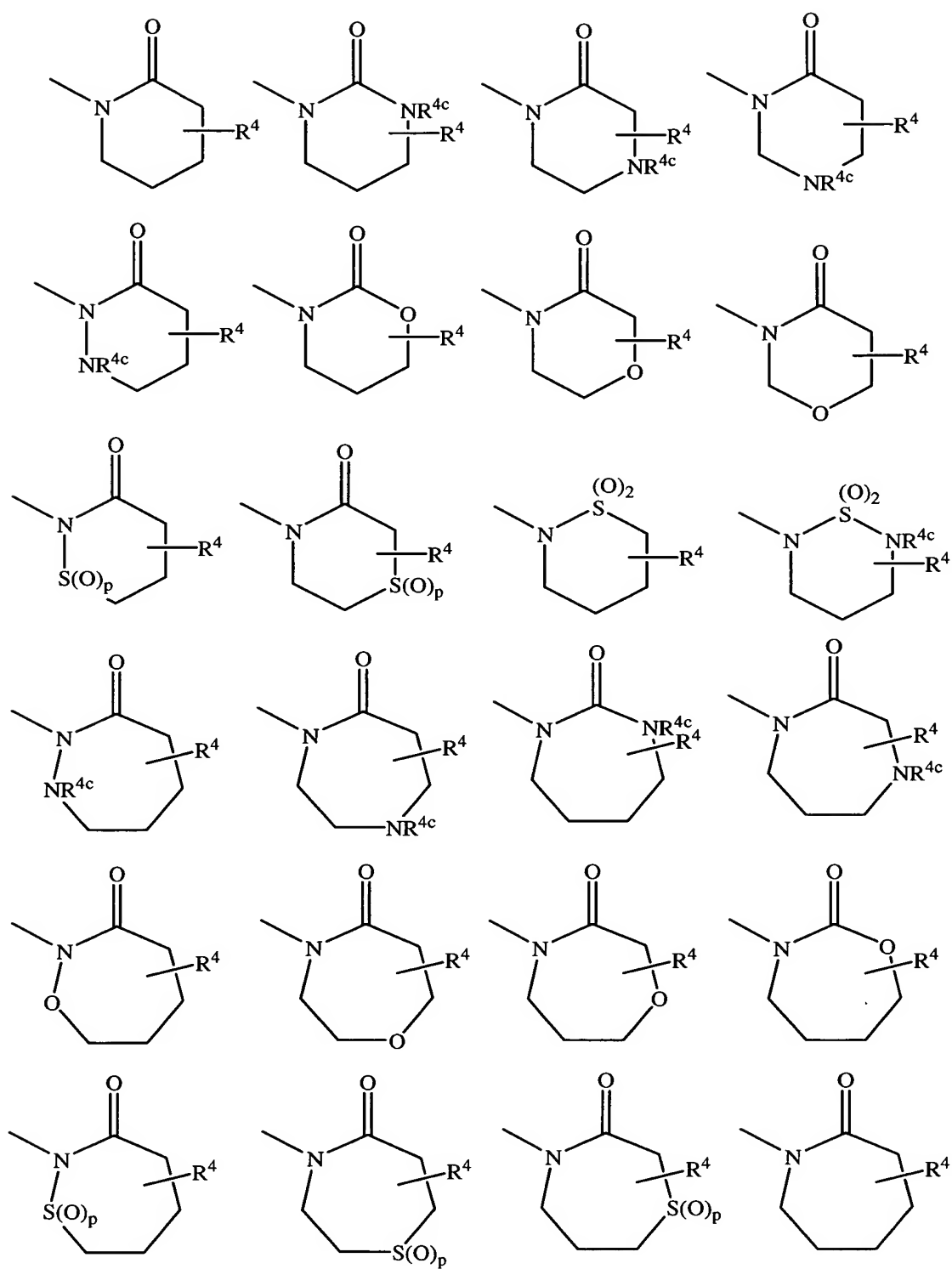
B^1 is selected from H, CH_3 , CH_2CH_3 , and $CH_2CH_2CH_3$;

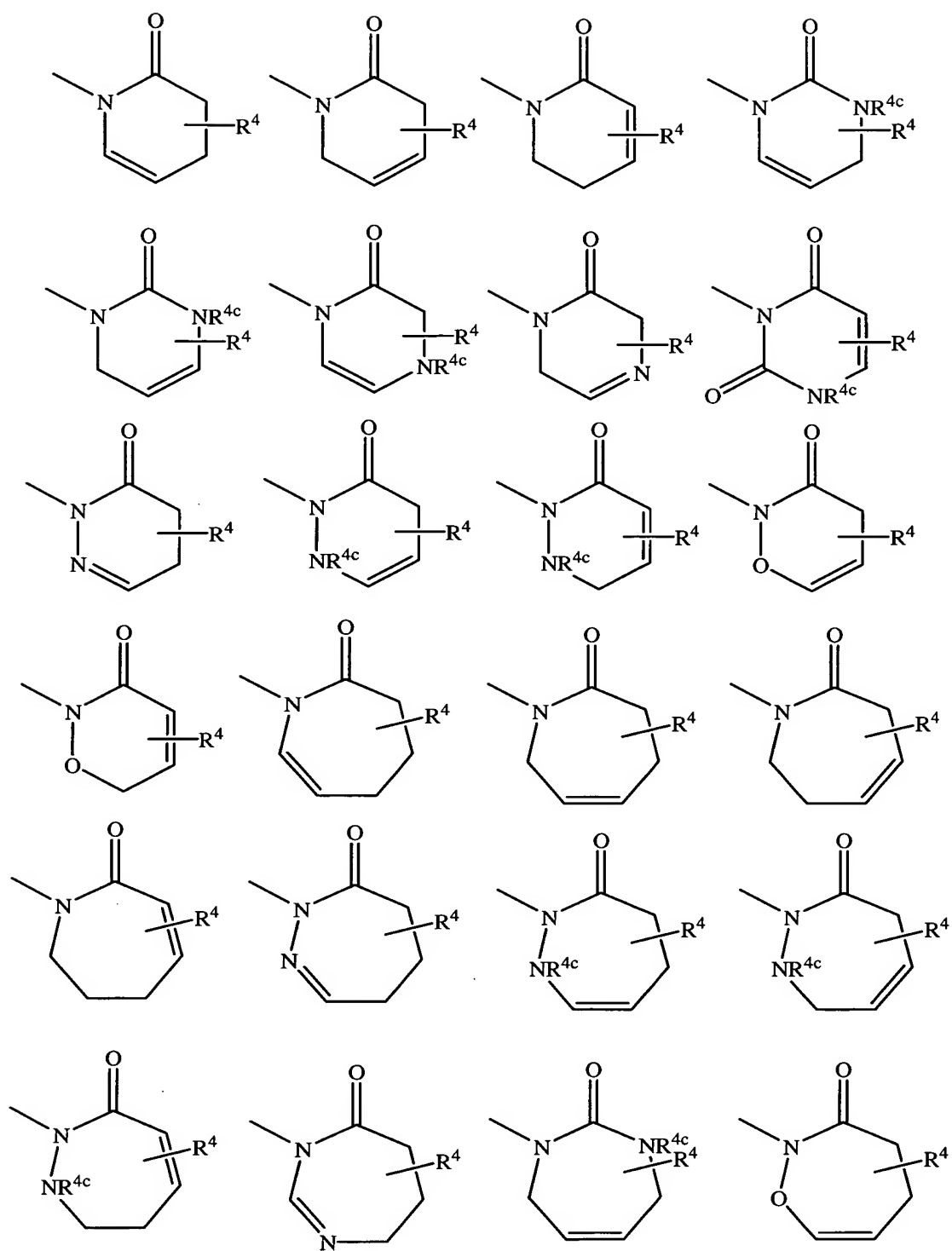
B^2 is selected from H, CH_3 , and CH_2CH_3 ;

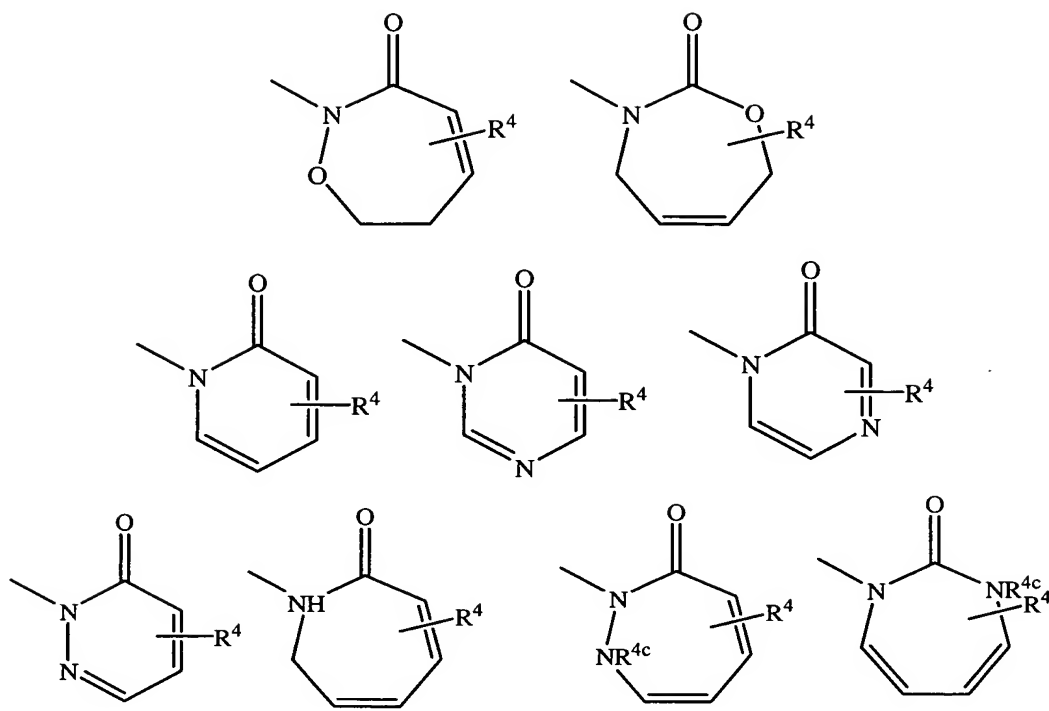
10 B^3 is selected from CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $C(CH_3)_3$, $CH(CH_3)CH_2CH(CH_3)_2$, CH_2CH_2OH , $CH(CH_3)CH_2OH$, $CH(phenyl)CH_2CH_3$, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, and CH_2 -cyclopropyl;



is attached to a different atom on A than M and is selected from the group:







ring Q⁵ is selected from cyclopropyl, cyclobutyl, cyclopentyl,

2-cyclopentanonyl, cyclohexyl, 2-cyclohexanonyl, pyrrolidinyl (attached to A and R^{4a}

5 at the 2-position), pyrrolidinyl (attached to A and R^{4a} at the 3-position),

2-pyrrolidinonyl (attached to A and R^{4a} at the 3-position), piperidinyl (attached to A

and R^{4a} at the 4-position), 4-piperidinonyl (attached to A and R^{4a} at the 3-position),

tetrahydrofuranyl, and tetrahydropyranyl (attached to A and R^{4a} at the 4-position);

Y is selected from C(CH₃)₂R^{4a} and C(CH₂CH₃)₂R^{4a};

10 alternatively, Y is selected from phenyl, pyridyl, 1,2,3-triazolyl, imidazolyl, and benzimidazolyl, and is substituted with 1 R^{4a};

R^{1a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃,

CH₂F, CH₂Cl, Br, CH₂Br, -CN, CH₂CN, CF₃, CH₂CF₃, OCH₃, CH₂OH,

C(CH₃)₂OH, CH₂OCH₃, NH₂, CH₂NH₂, NHCH₃, CH₂NHCH₃, N(CH₃)₂,

15 CH₂N(CH₃)₂, CO₂H, COCH₃, CO₂CH₃, CH₂CO₂CH₃, SCH₃, CH₂SCH₃, S(O)CH₃,

CH₂S(O)CH₃, S(O)₂CH₃, CH₂S(O)₂CH₃, C(O)NH₂, CH₂C(O)NH₂, SO₂NH₂,

CH₂SO₂NH₂, NHSO₂CH₃, CH₂NHSO₂CH₃, pyridin-2-yl, pyridin-3-yl, pyridin-4-yl,

pyridin-2-yl-N-oxide, pyridin-3-yl-N-oxide, pyridin-4-yl-N-oxide, imidazol-1-yl,

CH₂-imidazol-1-yl, 4-methyl-oxazol-2-yl, 4-N,N-dimethylaminomethyl-oxazol-2-yl,

1,2,3,4-tetrazol-1-yl, 1,2,3,4-tetrazol-5-yl, CH₂-1,2,3,4-tetrazol-1-yl, and CH₂-1,2,3,4-tetrazol-5-yl, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

R², at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃,
 5 CH(CH₃)₂, phenyl substituted with 0-1 R^{4b}, benzyl substituted with 0-1 R^{4b}, and 5 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-1 R^{4b};

R^{2a}, at each occurrence, is selected from H, CH₃, and CH₂CH₃;

alternatively, NR²R^{2a} forms a 5 or 6 membered saturated, partially saturated,
 10 or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, CH₃, and
 15 CH₂CH₃;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and
 20 S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of:
 25 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R^{2f}, at each occurrence, is selected from H, CH₃, CH₂CH₃, and OCH₃;

alternatively, NR²R^{2f} forms a ring selected from morpholine, piperazine, piperidine, and pyrrolidine;

R^4 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, and $C(CH_3)_3$;

R^{4a} is selected from $-(CH_2)_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CH_2)_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of:
 5 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, $(CH_2)_rNR^{2d}R^{2d}$, $(CH_2)_rN(\rightarrow O)R^{2d}R^{2d}$, $(CH_2)_rOR^{2d}$, $(CH_2)_rC(O)NR^{2d}R^{2d}$, $(CH_2)_rNR^{2d}C(O)R^{2e}$, $(CH_2)_rC(O)R^{2e}$, $(CH_2)_rNR^{2d}C(O)NR^{2d}R^{2d}$, $(CH_2)_rNR^{2d}C(O)OR^{2d}$, $(CH_2)_rNR^{2d}SO_2R^{2d}$, and $(CH_2)_rS(O)_pR^{2d}$, provided that $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;

10 R^{4b} , at each occurrence, is selected from H, =O, OR^3 , CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, NR^3SO_2 -phenyl, $S(O)_2CH_3$, $S(O)_2$ -phenyl, and CF_3 ;

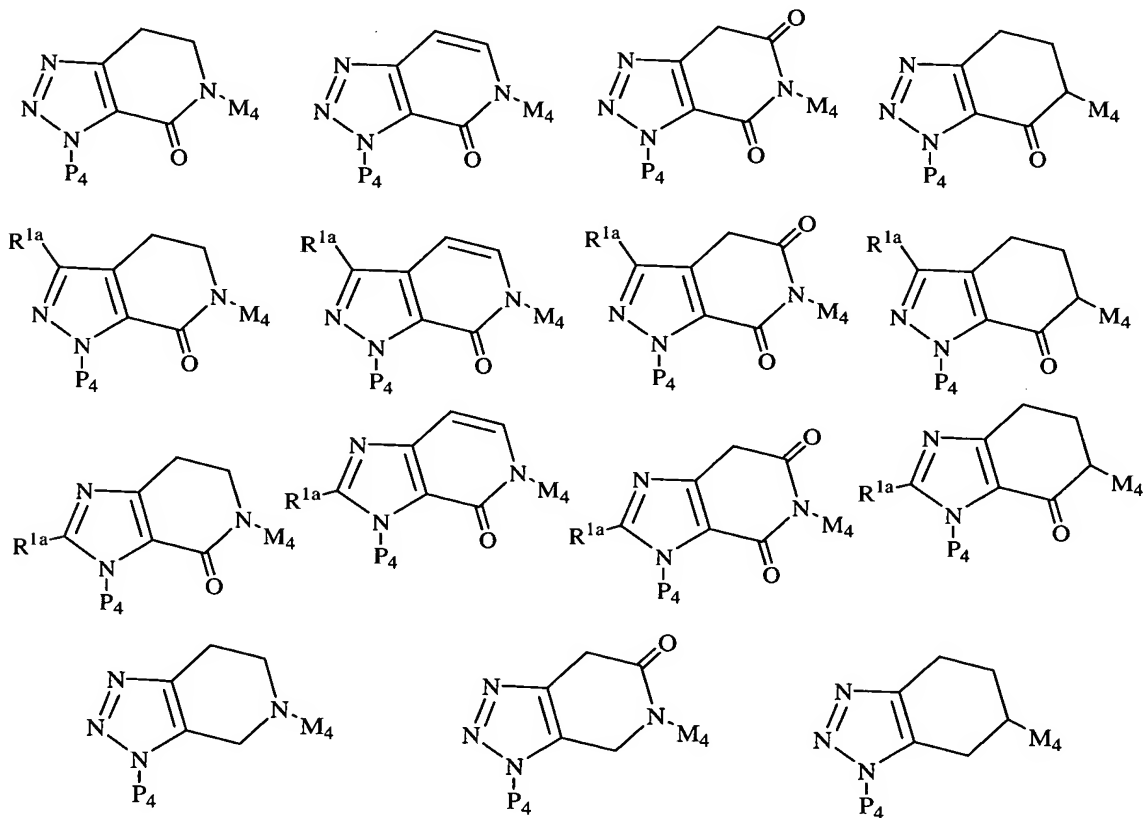
R^{4c} , at each occurrence, is selected from =O, OH, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, C_{2-3} alkenyl,
 15 C_{2-3} alkynyl, CH_2OH , CH_2OCH_3 , $CH_2OCH_2CH_3$, $CH_2OCH_2CH_2CH_3$, $CH_2OCH(CH_3)_2$, F, Br, Cl, CF_3 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $CH_2N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$, $CH_2C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $CH_2NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $CH_2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $CH_2SO_2NR^2R^{2a}$, $NR^2SO_2R^{5a}$, $CH_2NR^2SO_2R^{5a}$, $S(O)_pR^{5a}$, $CH_2S(O)_pR^{5a}$, CF_3 , cyclopropyl substituted with 0-1
 20 R^{4b} , cyclobutyl substituted with 0-1 R^{4b} , cyclopentyl substituted with 0-1 R^{4b} , phenyl substituted with 0-1 R^{4b} , $-CH_2$ -cyclopropyl substituted with 0-1 R^{4b} , $-CH_2$ -cyclobutyl substituted with 0-1 R^{4b} , $-CH_2$ -cyclopentyl substituted with 0-1 R^{4b} , benzyl substituted with 0-2 R^{4b} , 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and
 25 $S(O)_p$ and substituted with 0-2 R^{4b} , and (CH_2) -5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} ;

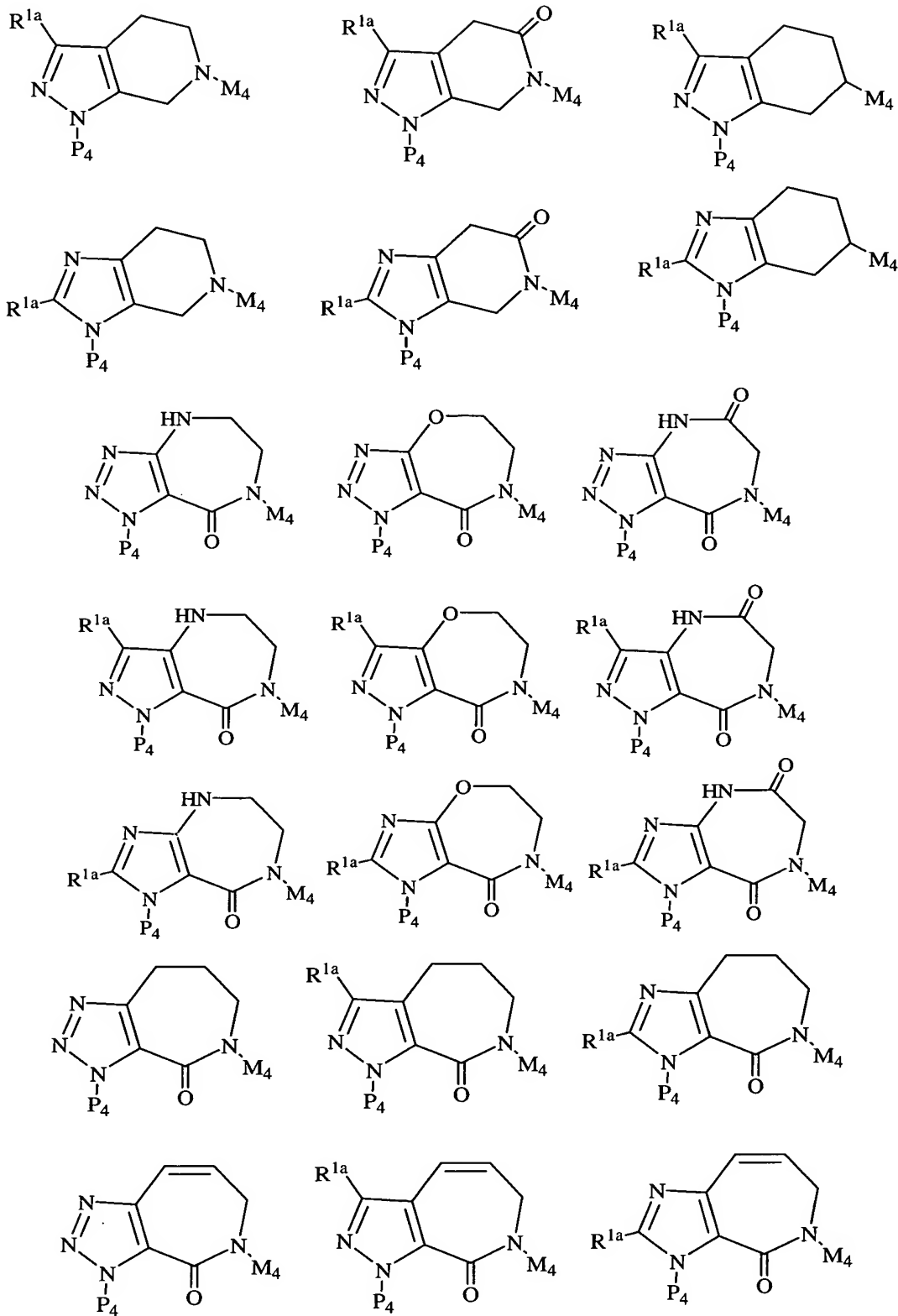
R^{4d} , at each occurrence, is selected from H, OCH_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, NR^2R^{2a} , $NR^2C(O)R^{2b}$, $NR^2SO_2R^5$, phenyl, 2-oxo-pyrrolidinyl, and 2-oxo-piperidinyl;

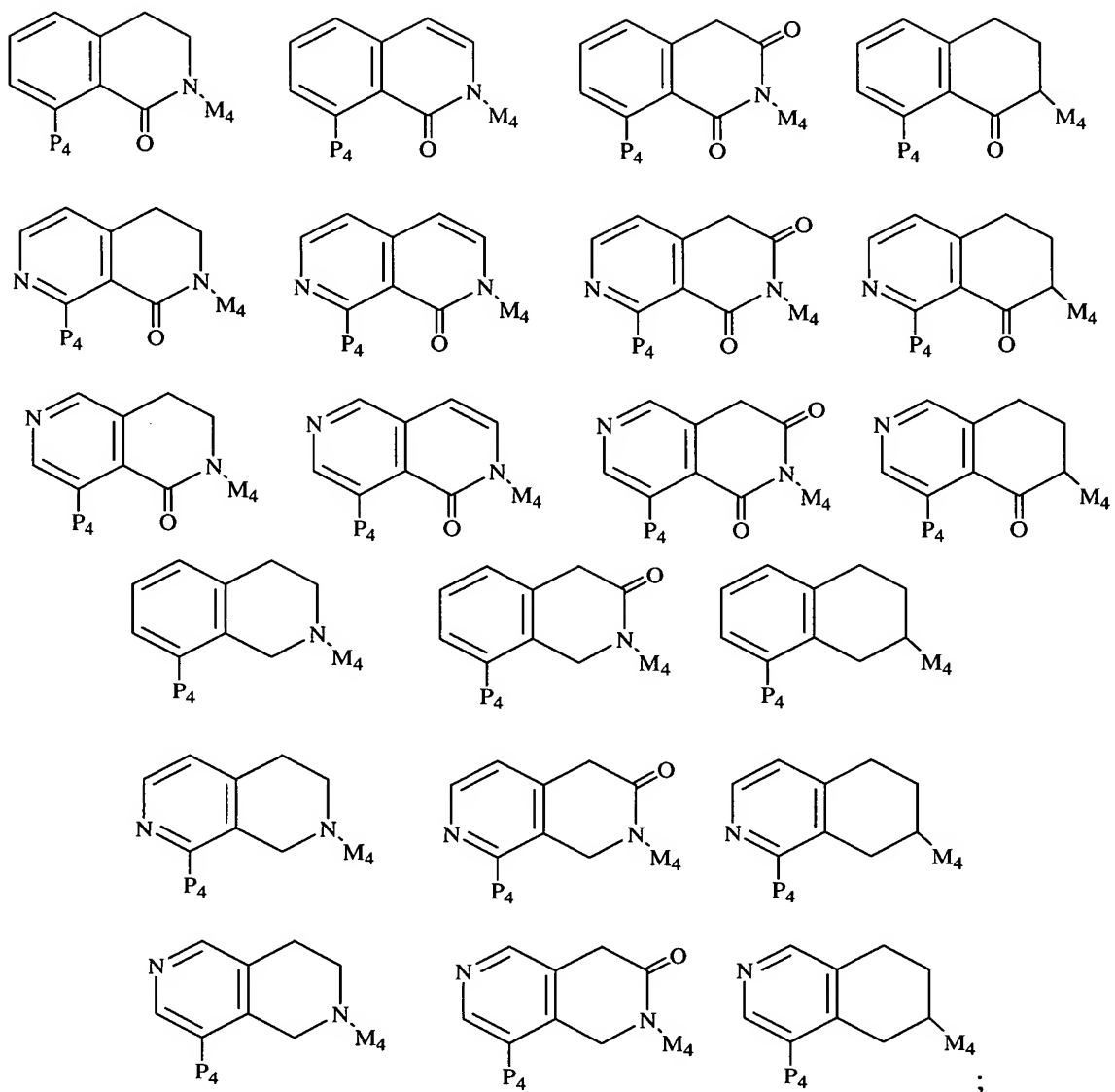
- R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 , OR^3 ,
 5 CH_2OR^3 , F, Cl, NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, NR^3SO_2 -phenyl, $S(O)_2-CH_3$, $S(O)_2$ -phenyl, CF_3 , phenyl substituted with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and benzyl substituted with 0-2 R^6 ; and,

- R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl, CH_3 , CH_2CH_3 ,
 10 NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$, and $SO_2NR^2R^{2a}$.

6. A compound according to Claim 5, wherein the compound is selected from:





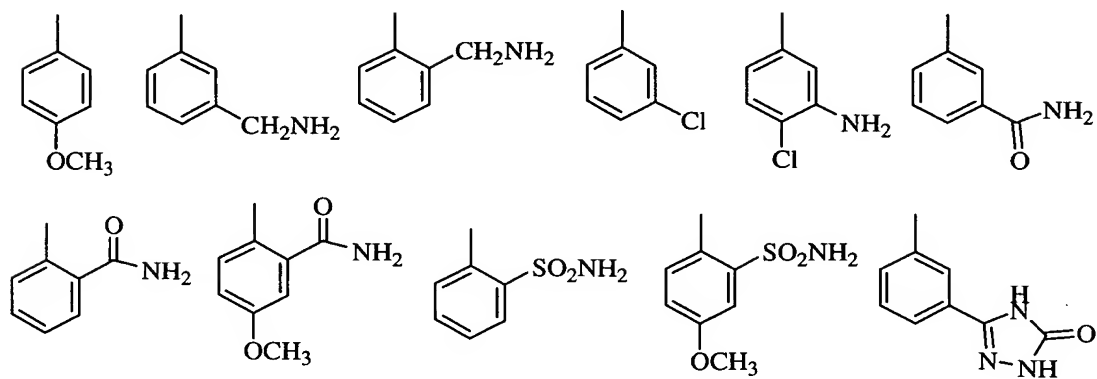


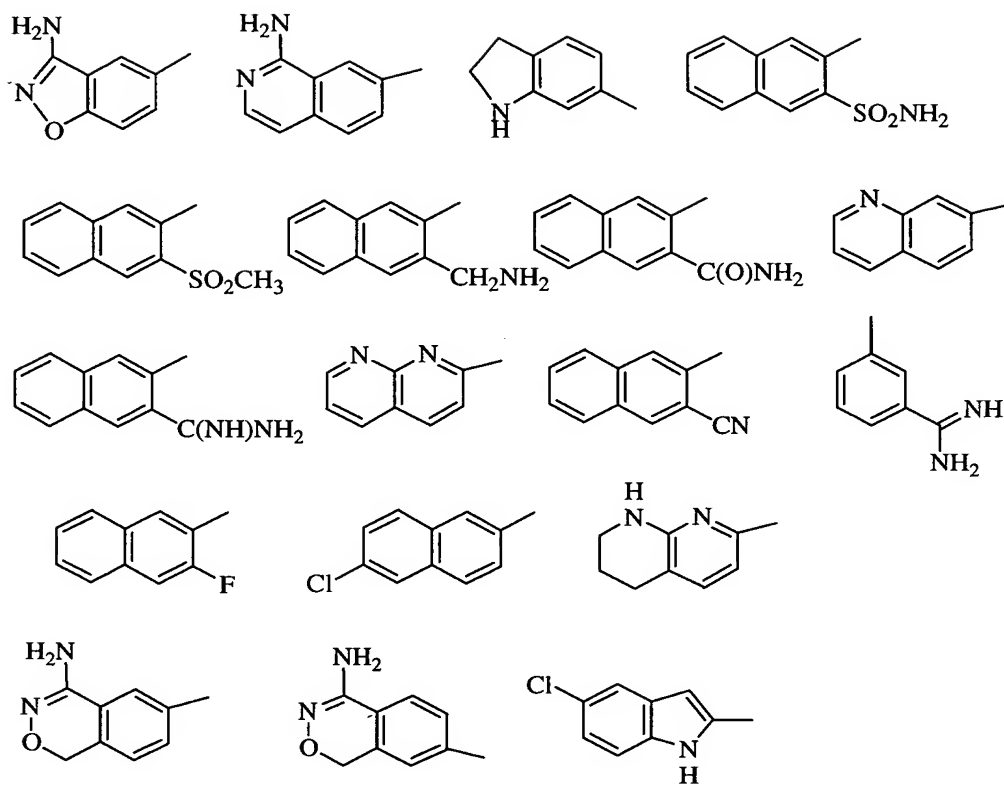
P_4 is -G;

M_4 is -A-B;

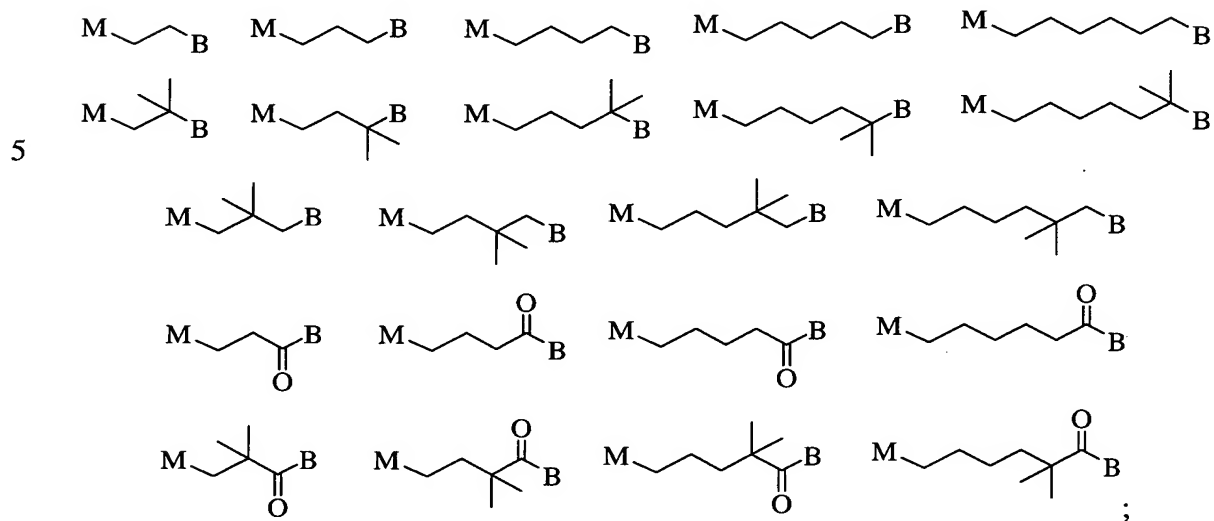
5

G is selected from:

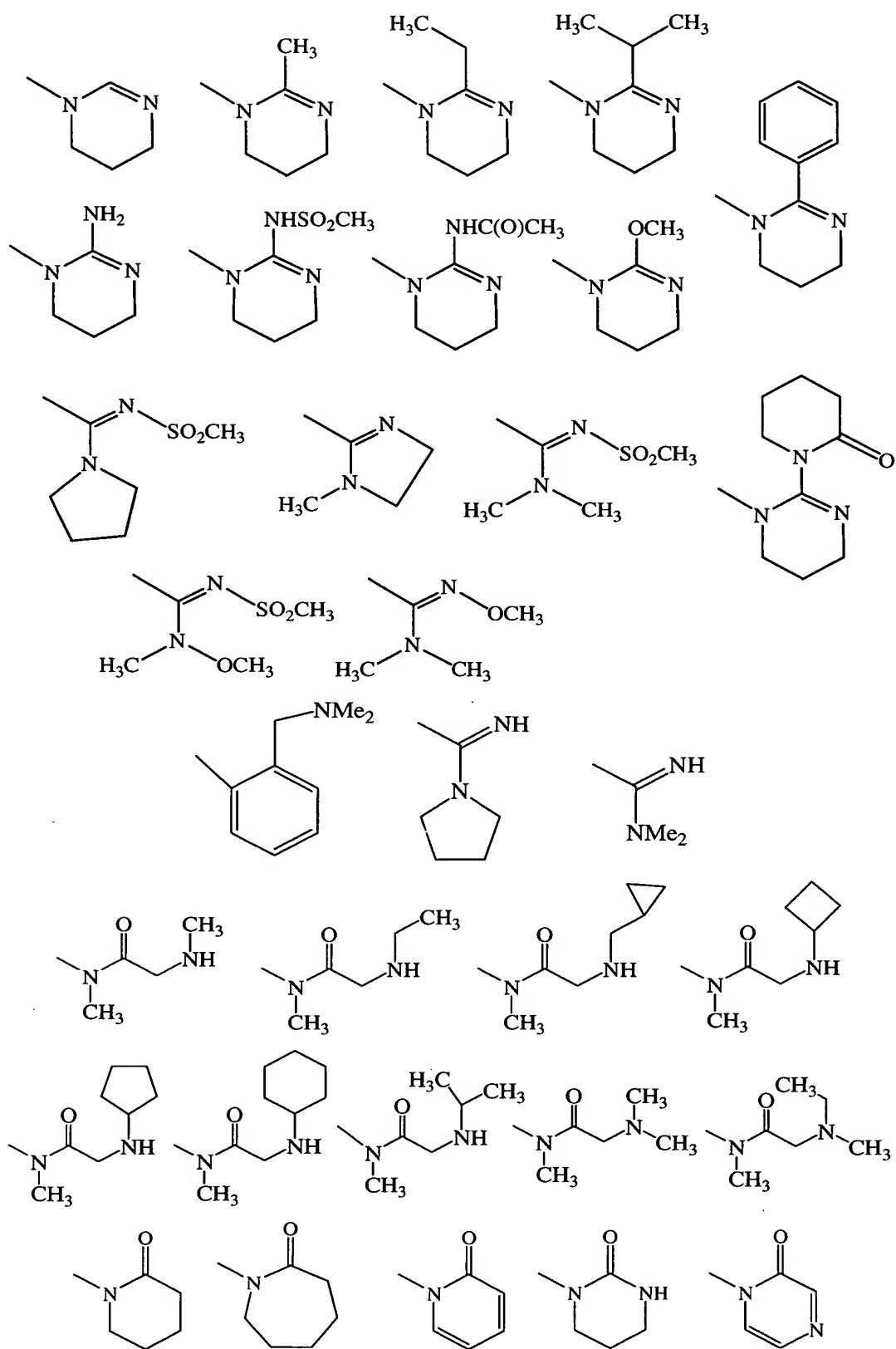


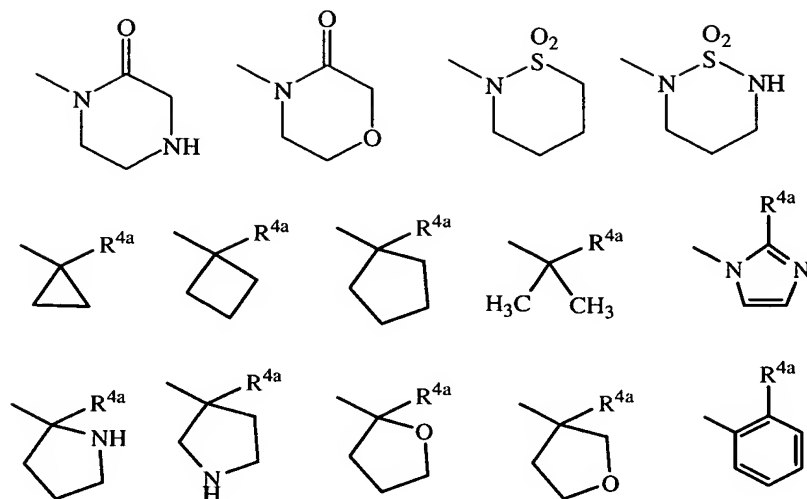


A is selected from:



B is selected from:



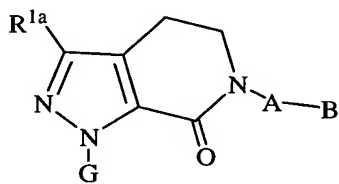


- R^{2d} , at each occurrence, is selected from H, C_{1-4} alkyl substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} , and a 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p$ - $S(O)_p$, S-O, O-N, O-S, or O-O moiety;
- R^{2e} , at each occurrence, is selected from H, C_{1-4} alkyl substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl, substituted with 0-2 R^{4c} , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a $C(O)$ -halo or $C(O)$ - $S(O)_p$ moiety;
- R^{4a} is selected from $NR^{2d}R^{2d}$, $CH_2NR^{2d}R^{2d}$, $CH_2CH_2NR^{2d}R^{2d}$, $N(\rightarrow O)R^{2d}R^{2d}$, $CH_2N(\rightarrow O)R^{2d}R^{2d}$, CH_2OR^{2d} , $C(O)R^{2e}$, $C(O)NR^{2d}R^{2d}$, $CH_2C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)R^{2e}$, $CH_2NR^{2d}C(O)R^{2e}$, $NR^{2d}C(O)NR^{2d}R^{2d}$, $CH_2NR^{2d}C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)OR^{2d}$, $CH_2NR^{2d}C(O)OR^{2d}$, $NR^{2d}SO_2R^{2d}$, $CH_2NR^{2d}SO_2R^{2d}$, $S(O)_pR^{2d}$, $CH_2S(O)_pR^{2d}$, 5-6 membered carbocycle substituted with 0-2 R^{4c} , $-(CH_2)$ -5-6 membered carbocycle substituted with 0-2 R^{4c} , 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and $-(CH_2)$ -5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon

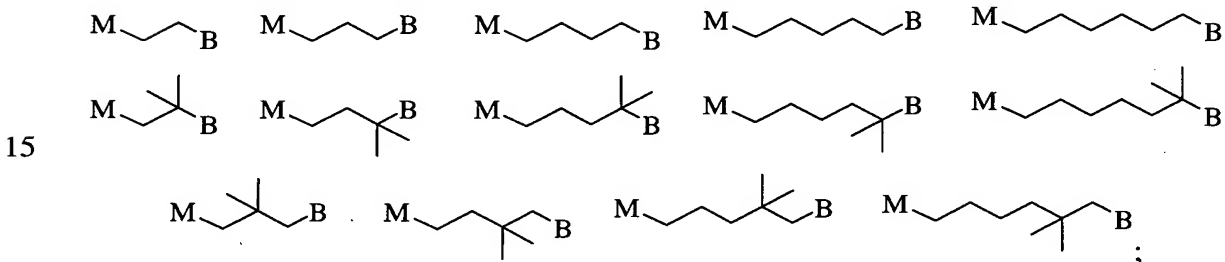
atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H; and,

- R^{4c} is selected from =O, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH=CH₂, CH≡CH, CH₂OH, CH₂OCH₃, CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃, CH₂OCH(CH₃)₂, F, Br, Cl, CF₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, and CH₂S(O)_pR^{5a}.

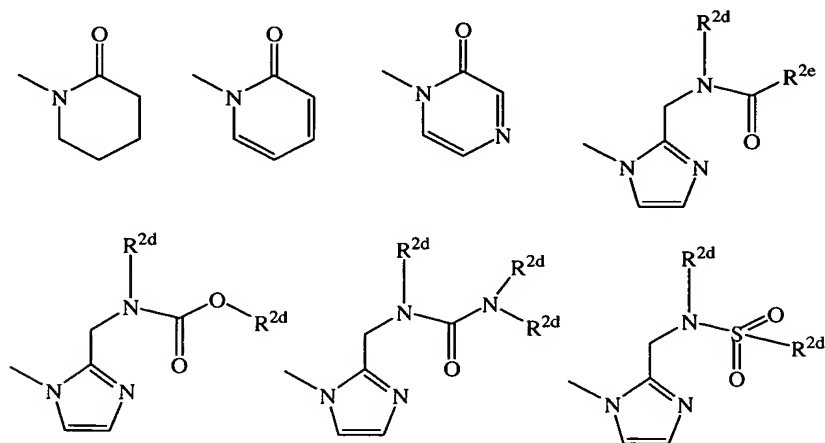
- 10 7. A compound according to Claim 6, wherein the compound is selected from:

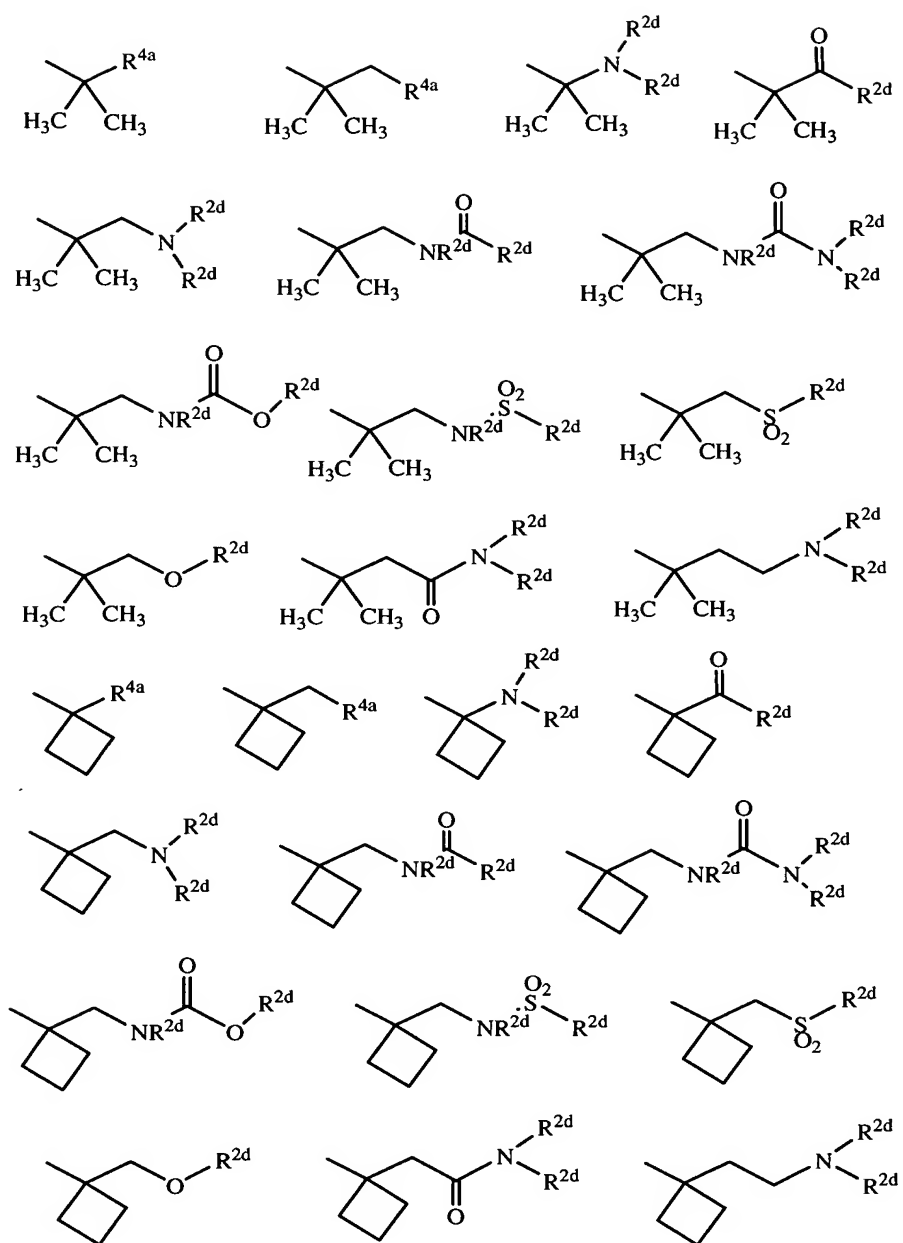


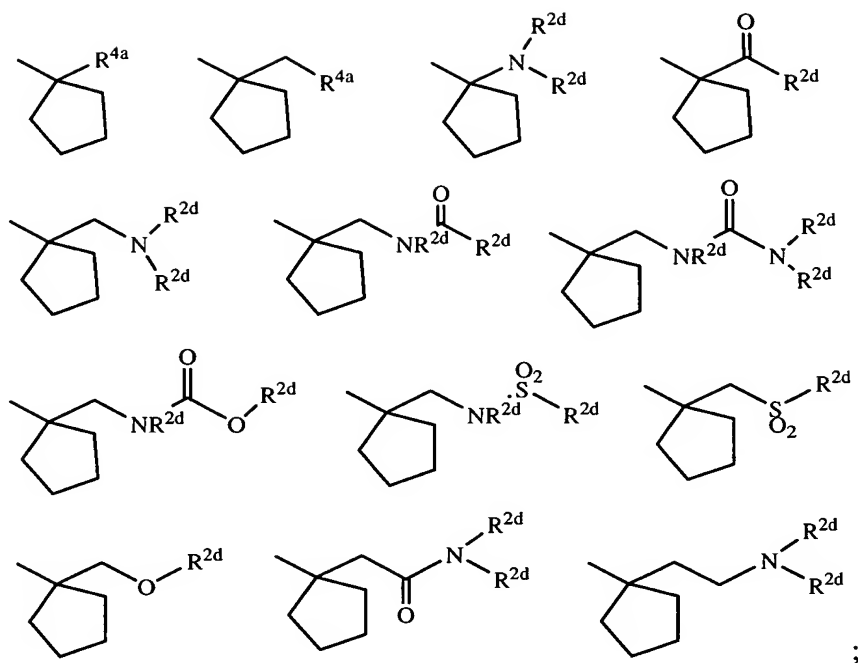
A is selected from:



B is selected from:







R^{2d} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)_2$, CH_2CCH_3 , $\text{CH}_2\text{CH}_2\text{OH}$, $\text{CH}_2\text{C}(\text{O})\text{NH}_2$, cyclopropyl, CH_2 -cyclopropyl, cyclobutyl, cyclopentyl, and thiazolyl;

5 R^{2e} , at each occurrence, is selected from CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)_2$, CH_2 -cyclopropyl, cyclopropyl, and cyclopentyl;

R^{4a} is substituted with 0-2 R^{4c} and selected from morpholine, 1,1-dioxo-thiomorpholine, dihydropyridine, piperidine, piperazine, pyrrolidine, imidazolyl, imidazoline, imidazolidine, oxazoline, and thiazoline; and
10 R^{4c} is selected from $=\text{O}$, OH, OCH_3 , and CH_3 .

8. A compound according to Claim 1, wherein wherein the compound is selected from the group:

15 [1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-acetic acid methyl ester;

4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-butyric acid ethyl ester;

20 5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanoic acid methyl ester;

- 6-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-hexanoic acid ethyl ester;
- 6-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-2,2-dimethyl-hexanoic acid methyl ester;
- 5 1-(4-methoxy-phenyl)-6-(2-oxo-2-pyrrolidin-1-yl-ethyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N,N-dimethyl-acetamide;
- N-ethyl-2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-methyl-acetamide;
- 10 1-(4-methoxy-phenyl)-6-(2-morpholin-4-yl-2-oxo-ethyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- N,N-diethyl-2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-acetamide;
- 15 1-(4-methoxy-phenyl)-6-(2-oxo-2-piperidin-1-yl-ethyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 1-(4-methoxy-phenyl)-6-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-[2-(1,3-dihydro-isoindol-2-yl)-2-oxo-ethyl]-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 6-[2-(3,4-dihydro-1H-isoquinolin-2-yl)-2-oxo-ethyl]-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-[2-(3,4-dihydro-2H-quinolin-1-yl)-2-oxo-ethyl]-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 25 N,N-diethyl-3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-propionamide;
- 1-(4-methoxy-phenyl)-6-(3-morpholin-4-yl-3-oxo-propyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 1-(4-methoxy-phenyl)-6-(3-oxo-3-piperidin-1-yl-propyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 1-(4-methoxy-phenyl)-6-(3-oxo-3-pyrrolidin-1-yl-propyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 1-(4-methoxy-phenyl)-6-[3-(4-methyl-piperazin-1-yl)-3-oxo-propyl]-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- N-ethyl-3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-methyl-propionamide;
- 5 N-benzyl-3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-methyl-propionamide;
- 4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N,N-dimethyl-butylamide;
- 1-(4-methoxy-phenyl)-6-(4-oxo-4-pyrrolidin-1-yl-butyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 10 5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanoic acid dimethylamide;
- 1-(4-methoxy-phenyl)-6-(5-oxo-5-pyrrolidin-1-yl-pentyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 1-(4-methoxy-phenyl)-6-(6-oxo-6-pyrrolidin-1-yl-hexyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-hexanoic acid dimethylamide;
- 6-(4-hydroxy-4-methyl-pentyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 6-(5-hydroxy-5-methyl-hexyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-(6-hydroxy-6-methyl-heptyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 25 [6-(2-hydroxy-ethyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-(4-hydroxy-butyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 6-(2-dimethylamino-ethyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 1-(4-methoxy-phenyl)-6-(2-pyrrolidin-1-yl-ethyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 6-(4-dimethylamino-butyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 1-(4-methoxy-phenyl)-6-(4-pyrrolidin-1-yl-butyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5 1-(4-methoxy-phenyl)-6-[4-(2-oxo-piperidin-1-yl)-butyl]-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 1-(4-methoxy-phenyl)-6-[4-(2-oxo-2H-pyridin-1-yl)-butyl]-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 10 6-(3-dimethylamino-propyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 1-(4-methoxy-phenyl)-6-(3-pyrrolidin-1-yl-propyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-(6-dimethylamino-hexyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 1-(4-methoxy-phenyl)-6-(6-pyrrolidin-1-yl-hexyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-propionitrile;
- 5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanenitrile;
- 20 6-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-hexanenitrile;
- 6-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-2,2-dimethyl-hexanenitrile;
- 25 6-(3-amino-propyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-(5-amino-pentyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 6-(6-amino-hexyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-(5-dimethylamino-pentyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 6-(6-dimethylamino-5,5-dimethyl-hexyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N,N-dimethyl-pentanamidine;
- 5 6-(5-imino-5-pyrrolidin-1-yl-pentyl)-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- N-{1-dimethylamino-5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentylidene}-methanesulfonamide;
- N-{5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-1-pyrrolidin-1-yl-pentylidene}-methanesulfonamide;
- 10 1-(4-methoxy-phenyl)-6-[4-(1-methyl-4,5-dihydro-1H-imidazol-2-yl)-butyl]-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- N-hydroxy-5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanamidine;
- 15 N-hydroxy-6-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-2,2-dimethyl-hexanamidine;
- 1-(4-methoxy-phenyl)-7-oxo-6-[4-(2-oxo-piperidin-1-yl)-butyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 1-(4-methoxy-phenyl)-7-oxo-6-{2-[4-(2-oxo-2,3-dihydro-benzoimidazol-1-yl)-piperidin-1-yl]-ethyl}-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 20 1-(4-methoxy-phenyl)-6-{2-[4-(2-methoxy-phenyl)-piperazin-1-yl]-ethyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 6-[2-(benzyl-methyl-amino)-ethyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 25 1-(4-methoxy-phenyl)-6-[2-(methyl-phenyl-amino)-ethyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 1-(4-methoxy-phenyl)-6-[2-(3-methyl-piperidin-1-yl)-ethyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 30 2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-[1-(pyrrolidine-1-carbonyl)-cyclopropyl]-acetamide;

- 2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-acetamide;
- 1-{2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-acetylamino}-cyclopentanecarboxylic acid methyl ester
- 5 methyl ester;
- 1-{2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-acetylamino}-cyclopentanecarboxylic acid dimethylamide;
- 2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-[1-(pyrrolidine-1-carbonyl)-cyclopentyl]-acetamide;
- 10 2-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-(1-pyrrolidin-1-ylmethyl-cyclopentyl)-acetamide;
- 1-{3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-propionylamino}-cyclopropanecarboxylic acid ethyl
- 15 ester;
- 1-{3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-propionylamino}-cyclopentanecarboxylic acid methyl ester;
- 1-{3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-propionylamino}-cyclopentanecarboxylic acid
- 20 dimethylamide;
- 3-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-[1-(pyrrolidine-1-carbonyl)-cyclopropyl]-propionamide;
- 25 1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-butyrylamino}-cyclopropanecarboxylic acid ethyl ester;
- 1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-butyrylamino}-cyclopentanecarboxylic acid methyl
- ester;
- 30 1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-butyrylamino}-cyclopropanecarboxylic acid dimethylamide;

1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-butyrylamino}-cyclopropanecarboxylic acid dimethylamide;

5 1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-butyrylamino}-cyclopentanecarboxylic acid dimethylamide;

4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-N-[1-(pyrrolidine-1-carbonyl)-cyclopropyl]-butyramide;

10 1-{5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanoylamino}-cyclopropanecarboxylic acid ethyl ester;

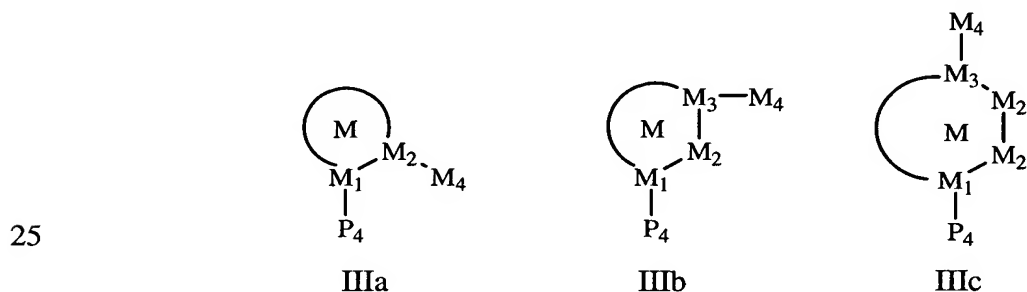
1-{5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanoylamino}-cyclopentanecarboxylic acid methyl ester;

15 1-{5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanoylamino}-cyclopropanecarboxylic acid dimethylamide; and

5-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-pentanoic acid [1-(pyrrolidine-1-carbonyl)-cyclopropyl]-amide;

or a pharmaceutically acceptable salt form thereof.

9. A compound according to Claim 1, wherein the compound is of Formula IIIa, IIIb, or IIIc:



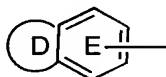
or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

ring M, including M₁, M₂, and, if present, M₃, is phenyl or a 3-10 membered carbocycle or 4-10 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from O, S(O)_p, N, and NZ²;

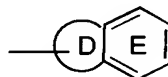
ring M is substituted with 0-3 R^{1a} and 0-2 carbonyl groups, and there are 0-3
5 ring double bonds;

one of P₄ and M₄ is -A-B and the other -G₁-G;

G is a group of Formula IIa or IIb:



IIa



IIb

10 ring D, including the two atoms of Ring E to which it is attached, is a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p;

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and
15 is substituted with 1-3 R;

alternatively, ring D is absent, and ring E is selected from phenyl, pyridyl, pyrimidyl, and thienyl, and ring E is substituted with 1-3 R;

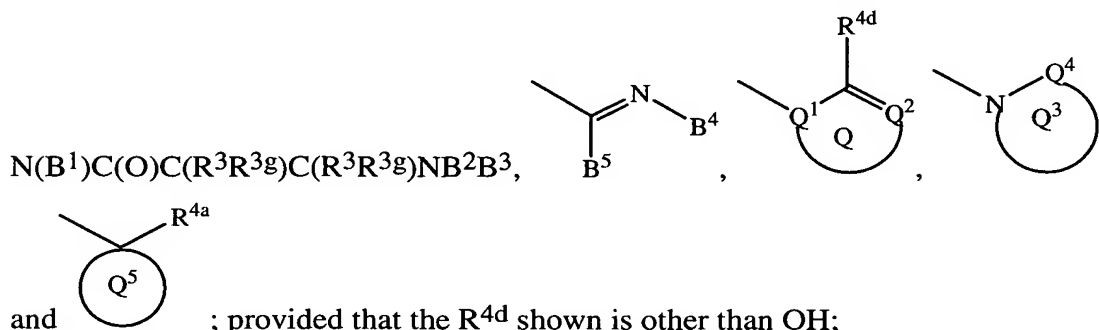
alternatively, ring D is absent, ring E is selected from phenyl, pyridyl, and thienyl, and ring E is substituted with 1 R and substituted with a 5-6 membered
20 heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, wherein the 5-6 membered heterocycle is substituted with 0-2 carbonyl groups and 1-2 R and there are 0-3 ring double bonds;

R is selected from H, C₁₋₄ alkyl, F, Cl, OH, OCH₃, OCH₂CH₃, OCH(CH₃)₂, -CN, C(=NH)NH₂, C(=NH)NHOH, C(=NH)NHOCH₃, NH₂, NH(C₁₋₃ alkyl), N(C₁₋₃
25 alkyl)₂, C(=NH)NH₂, CH₂NH₂, CH₂NH(C₁₋₃ alkyl), CH₂N(C₁₋₃ alkyl)₂, (CR⁸R⁹)_tNR⁷R⁸, C(O)NR⁷R⁸, CH₂C(O)NR⁷R⁸, S(O)_pNR⁷R⁸, CH₂S(O)_pNR⁷R⁸, SO₂R³, and OCF₃;

alternatively, when 2 R groups are attached to adjacent atoms, they combine to form methylenedioxy or ethylenedioxy;

A is 2-6 membered linear chain consisting of: carbon atoms, 0-2 carbonyl groups, and 0-3 heteroatoms selected from O, N, and S(O)_p, and A is substituted with 0-2 R^{1a} and 0-2 R², and there are 0-1 double bonds and 0-1 triple bonds; provided that other than an S-S, S-O, or O-O bond is present in A;

5 B is selected from -CN, OR³, NR³R^{3a}, Y, N(B¹)C(O)C(R³R^{3g})NB²B³,



and ; provided that the R^{4d} shown is other than OH;

B¹ is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -(CH₂)₀₋₁-C₃₋₇ carbocycle substituted with 0-2 R^{4b}, and -(CH₂)₀₋₁-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};

B² is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, NR^{2d}R^{2d}, CH₂NR^{2d}R^{2d}, CH₂CH₂NR^{2d}R^{2d}, C(O)R^{2e}, C(O)NR^{2d}R^{2d}, SO₂NR^{2d}R^{2d}, and S(O)_pR^{5a};

B³ is selected from H, C₁₋₆ alkyl substituted with 0-1 R^{4c}, -(CH₂)₀₋₁-3-6 membered carbocycle substituted with 0-1 R⁵, and a -(CH₂)₀₋₁-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵;

B⁴ is selected from H, SO₂R^{3b}, C(O)R^{3b}, SO₂NR³R^{3b}, C(O)NR³R^{3b}, OR², and -CN;

B⁵ is NR²R^{2f} or CR³R²R^{2f};

ring Q is a 5-6 membered ring consisting of, in addition to the $Q^1-CR^{4d}=Q^2$ group shown, carbon atoms and 0-2 heteroatoms selected from N, O, and $S(O)_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

Q^1 and Q^2 are each N;

- 5 alternatively, Q^1 is CR^3 and R^{4d} is NR^2R^{2a} or $NR^{3a}B^4$, provided that when Q^1 is CR^3 , then this R^3 group optionally forms a ring with the R^2 group of R^{4d} , this ring is a 5-6 membered ring consisting of, in addition to the C-C-N shown, carbon atoms and from 0-1 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-1 R^5 ;

- 10 Q^4 is selected from $C=O$ and SO_2 ;

ring Q^3 is a 4-7 membered monocyclic or tricyclic ring consisting of, in addition to the N- Q^4 group shown, carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R^4 ;

- 15 alternatively, ring Q^3 is a 4-7 membered ring to which another ring is fused, wherein: the 4-7 membered ring consists of, in addition to the shown amide group, carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$ and 0-1 double bonds are present within the ring; the fusion ring is phenyl or a 5-6 membered heteroaromatic consisting of carbon atoms and 1-2 heteroatoms selected from NR^{4c} ,
20 O, and S;

ring Q^3 , which includes the 4-7 membered ring and the fusion ring, is substituted with 0-3 R^4 ;

- ring Q^5 is a C_{3-7} monocyclic carbocycle or 3-7 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2
25 heteroatoms selected from N, O, and $S(O)_p$, the carbocycle or heterocycle further comprises 0-2 double bonds and 0-2 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R^4 ;

Y is $CY^1Y^2R^{4a}$, and Y^1 and Y^2 are independently C_{1-3} alkyl substituted with 0-1 R^4 ;

alternatively, Y is selected from one of the following carbocycles and heterocycles that are substituted with 1 R^{4a} and 0-2 R⁴: cyclopropyl, cyclopentyl, cyclohexyl, phenyl, piperidiny, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, isoxazolinyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl, 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl, 1,3,4-triazolyl, benzofuranyl, benzothiofuranyl, indolyl, benzimidazolyl, benzoxazolyl, benzthiazolyl, indazolyl, benzisoxazolyl, benzisothiazolyl, and isoindazolyl;

Z² is selected from H, C₁₋₄ alkyl, phenyl, benzyl, C(O)R^{3b}, S(O)R^{3f}, and S(O)₂R^{3f};

R^{1a}, at each occurrence, is selected from H, -(CH₂)_r-R^{1b}, -(CH(CH₃))_r-R^{1b}, -(C(CH₃)₂)_r-R^{1b}, -O-(CR^{3R3a})_r-R^{1b}, -NR²-(CR^{3R3a})_r-R^{1b}, and -S-(CR^{3R3a})_r-R^{1b}, provided that R^{1a} forms other than an N-halo, N-S, O-O, or N-CN bond;

alternatively, when two R^{1a} groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-7 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

R^{1b} is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, F, Cl, Br, I, -CN, -CHO, CF₃, OR², NR²R^{2a}, C(O)R^{2b}, CO₂R^{2b}, OC(O)R², CO₂R^{2a}, S(O)_pR^{2b}, NR²(CH₂)_rOR², NR²C(O)R^{2b}, NR²C(O)NHR², NR²C(O)₂R^{2a}, OC(O)NR²R^{2a}, C(O)NR²R^{2a}, C(O)NR²(CH₂)_rOR², SO₂NR²R^{2a}, NR²SO₂R², C₅₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl substituted with 0-2 R^{4b}, C₅₋₆ carbocycle substituted with 0-2 R^{4b}, a -CH₂-C₅₋₆

carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} ;

R^{2a} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 ,

- 5 $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} ;

- alternatively, NR^2R^{2a} forms a 5 or 6 membered saturated, partially saturated,
10 or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

- R^{2b} , at each occurrence, is selected from CF_3 , C_{1-4} alkoxy, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} ,
15 and 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} ;

- R^{2c} , at each occurrence, is selected from CF_3 , OH, C_{1-4} alkoxy, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle
20 substituted with 0-2 R^{4b} , and 5-6 membered heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and substituted with 0-2 R^{4b} ;

- R^{2d} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , $-(CR^3R^{3a})_r-C_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(CR^3R^{3a})_r-5-6$
25 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p-S(O)_p$, S-O, O-N, O-S, or O-O moiety;

alternatively, $\text{NR}^{2d}\text{R}^{2d}$ forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p ;

R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , $-(\text{CR}^3\text{R}^{3a})_r\text{-C}_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(\text{CR}^3\text{R}^{3a})_r\text{-5-6}$ membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p , provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R^{2f} , at each occurrence, is selected from H, CF_3 , C_{1-4} alkoxy, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, $\text{C}(\text{CH}_3)_3$, benzyl substituted with 0-2 R^{4b} , C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b} ;

alternatively, CR^2R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p , and this ring is substituted with 0-2 R^{4b} ;

alternatively, NR^2R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and S(O)_p , and this ring is substituted with 0-2 R^{4b} ;

alternatively, when B^5 is NR^2R^{2f} , B^4 and R^{2f} combine to form a 5-6 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and S(O)_p , and this ring is substituted with 0-2 R^{4b} and the R^2 group of NR^2R^{2f} , in addition to the groups recited below, is selected from SO_2R^{3b} and C(O)R^{3b} ;

R^3 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, benzyl, and phenyl;

R^{3a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, benzyl, and phenyl;

alternatively, NR^3R^{3a} forms a 5 or 6 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms and the nitrogen atom to which R^3 and R^{3a} are attached;

- R^{3b} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 ,
 5 $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $-(\text{C}_{0-1} \text{ alkyl})$ -5-6 membered carbocycle substituted with 0-1 R^{1a} , and $-(\text{C}_{0-1} \text{ alkyl})$ -5-6 membered heterocycle substituted with 0-1 R^{1a} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

- R^{3c} , at each occurrence, is selected from CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$,
 10 $\text{CH}(\text{CH}_3)_2$, benzyl, and phenyl;

R^{3d} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, CH_2 -phenyl, CH_2CH_2 -phenyl, and $\text{C}(=\text{O})\text{R}^{3c}$;

- R^4 , at each occurrence, is selected from H, $=\text{O}$, OR^2 , CH_2OR^2 , $(\text{CH}_2)_2\text{OR}^2$, F, Cl, Br, I, $\text{C}_{1-4} \text{ alkyl}$, $-\text{CN}$, NO_2 , NR^2R^{2a} , $\text{CH}_2\text{NR}^2\text{R}^{2a}$, $(\text{CH}_2)_2\text{NR}^2\text{R}^{2a}$, $\text{C}(\text{O})\text{R}^{2c}$,
 15 $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$, $\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$, $\text{SO}_2\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$, $\text{S}(\text{O})_p\text{R}^{5a}$, $\text{NR}^2\text{SO}_2\text{-C}_{1-4} \text{ alkyl}$, $\text{NR}^2\text{SO}_2\text{R}^5$, CF_3 , CF_2CF_3 , 5-6 membered carbocycle substituted with 0-1 R^5 , and a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$, and substituted with 0-1 R^5 ;

- R^{4b} , at each occurrence, is selected from H, $=\text{O}$, OR^3 , CH_2OR^3 , F, Cl, CH_3 ,
 20 CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, $\text{C}(\text{CH}_3)_3$, $-\text{CN}$, NO_2 , NR^3R^{3a} , $\text{CH}_2\text{NR}^3\text{R}^{3a}$, $\text{C}(\text{O})\text{R}^3$, $\text{CH}_2\text{C}(\text{O})\text{R}^3$, $\text{C}(\text{O})\text{OR}^{3c}$, $\text{CH}_2\text{C}(\text{O})\text{OR}^{3c}$, $\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$, $\text{CH}_2\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$, $\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $\text{CH}_2\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $\text{NR}^3\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $\text{CH}_2\text{NR}^3\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$,
 25 $\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$, $\text{CH}_2\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$, $\text{NR}^3\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$, $\text{CH}_2\text{NR}^3\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$, $\text{SO}_2\text{NR}^3\text{R}^{3a}$, $\text{CH}_2\text{SO}_2\text{NR}^3\text{R}^{3a}$, $\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$, $\text{CH}_2\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$, $\text{NR}^3\text{SO}_2\text{-C}_{1-4} \text{ alkyl}$, $\text{CH}_2\text{NR}^3\text{SO}_2\text{-C}_{1-4} \text{ alkyl}$, $\text{NR}^3\text{SO}_2\text{CF}_3$, $\text{CH}_2\text{NR}^3\text{SO}_2\text{CF}_3$, $\text{NR}^3\text{SO}_2\text{-phenyl}$, $\text{CH}_2\text{NR}^3\text{SO}_2\text{-phenyl}$, $\text{S}(\text{O})_p\text{CF}_3$, $\text{CH}_2\text{S}(\text{O})_p\text{CF}_3$,

$S(O)_p$ -C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CH₂S(O)_p-phenyl, CF₃, and CH₂CF₃;

R^{4c}, at each occurrence, is selected from =O, (CR³R^{3a})_rOR², (CR³R^{3a})_rF, (CR³R^{3a})_rBr, (CR³R^{3a})_rCl, (CR³R^{3a})_rCF₃, C₁₋₄ alkyl, C₂₋₃ alkenyl, C₂₋₃ alkynyl, (CR³R^{3a})_rCN, (CR³R^{3a})_rNO₂, (CR³R^{3a})_rNR²R^{2a}, (CR³R^{3a})_rN(→O)R²R^{2a}, (CR³R^{3a})_rC(O)R^{2c}, (CR³R^{3a})_rNR²C(O)R^{2b}, (CR³R^{3a})_rC(O)NR²R^{2a}, (CR³R^{3a})_rNR²C(O)NR²R^{2a}, (CR³R^{3a})_rSO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂R^{5a}, (CR³R^{3a})_rC(O)NR²SO₂R^{5a}, (CR³R^{3a})_rS(O)_pR^{5a}, (CF₂)_rCF₃, (CR³R^{3a})_rC₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and (CR³R^{3a})_r5-10 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};

R^{4d}, at each occurrence, is selected from H, OR², CH₂OR², C₁₋₄ alkyl, -CN, CH₂CN, NO₂, CH₂NO₂, NR²R^{2a}, CH₂NR²R^{2a}, CH₂C(O)R^{2c}, C(O)R^{2c}, NR²C(O)R^{2b}, (CH₂)_rC(O)NR²R^{2a}, NR²C(O)NR²R^{2a}, (CH₂)_rSO₂NR²R^{2a}, NR²SO₂NR²R^{2a}, NR²SO₂R⁵, (CH₂)_rS(O)_pR^{5a}, CH₂CF₃, CF₃, 5-6 membered carbocycle substituted with 0-1 R⁵, CH₂-5-6 membered carbocycle substituted with 0-1 R⁵, a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵, and a CH₂-5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-1 R⁵;

R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, OR³, CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c}, CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH(=NR^{3d}), C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, NR³SO₂-phenyl, S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶;

R^{5a} , at each occurrence, is selected from CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, OR^3 , CH_2OR^3 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $CH_2C(O)R^3$, $C(O)OR^{3c}$, $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $CH_2NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $CH_2C(O)NR^3R^{3a}$, CF_3 , CF_2CF_3 ,
 5 phenyl substituted with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and benzyl substituted with 0-2 R^6 , provided that R^{5a} does not form a S-N or $S(O)_p-C(O)$ bond; and

R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$,
 10 $C(CH_3)_3$, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$, $NR^2C(O)NR^2R^{2a}$, $C(=NH)NH_2$, $NHC(=NH)NH_2$, $SO_2NR^2R^{2a}$, $NR^2SO_2NR^2R^{2a}$, and $NR^2SO_2C_{1-4}$ alkyl.

10. A compound according to Claim 9, wherein:
 15 ring M, including M_1 , M_2 , and, if present, M_3 , is selected from phenyl, pyrrole, furan, thiophene, pyrazole, imidazole, isoxazole, oxazole, isothiazole, thiazole, 1,2,3-triazole, 1,2,4-triazole, 1,3,4-triazole, 1,2,3-oxadiazole, 1,2,4-oxadiazole, 1,3,4-oxadiazole, 1,2,3-thiadiazole, 1,2,4-thiadiazole, 1,3,4-thiadiazole, 1,2,3,4-tetrazole, 1,2,3,5-tetrazole, pyran, thiopyran,
 20 thiopyran-1,1-dioxide, pyridine, pyrimidine, pyridazine, pyrazine, 1,2,3-triazine, 1,2,4-triazine, 1,2,3,4-tetrazine, dihydro-pyrrole, dihydro-furan, dihydro-thiophene, dihydro-pyrazole, dihydro-imidazole, dihydro-isoxazole, dihydro-oxazole, dihydro-isothiazole, dihydro-thiazole, dihydro-1,2,3-triazole, dihydro-1,2,4-triazole, dihydro-1,3,4-triazole, dihydro-1,2,3-oxadiazole, dihydro-1,2,4-oxadiazole,
 25 dihydro-1,3,4-oxadiazole, dihydro-1,2,3-thiadiazole, dihydro-1,2,4-thiadiazole, dihydro-1,3,4-thiadiazole, dihydro-1,2,3,4-tetrazole, dihydro-1,2,3,5-tetrazole, dihydro-pyran, dihydro-thiopyran, dihydro-thiopyran-1,1-dioxide, dihydro-pyridine, dihydro-pyrimidine, dihydro-pyridazine, dihydro-pyrazine, dihydro-1,2,3-triazine, dihydro-1,2,4-triazine, dihydro-1,2,3,4-tetrazine, cyclopropane, cyclobutane,
 30 cyclopentene, cyclopentane, cyclohexene, cyclohexane, cycloheptane, tetrahydro-pyrrole, tetrahydro-furan, tetrahydro-thiophene,

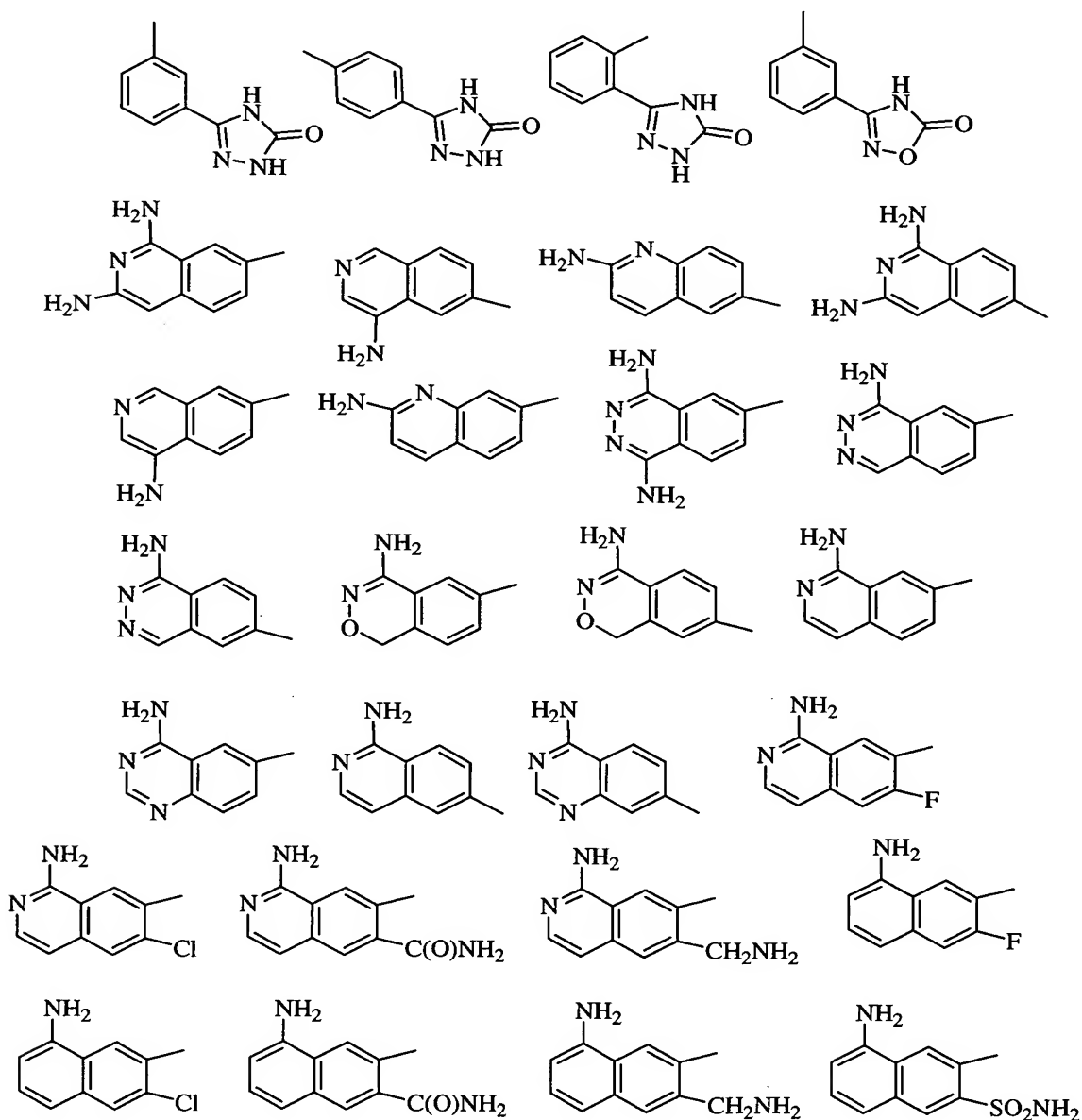
tetrahydro-thiophene-1,1-dioxide, tetrahydro-pyrazole, tetrahydro-imidazole,
 tetrahydro-isoxazole, tetrahydro-oxazole, tetrahydro-isothiazole, tetrahydro-thiazole,
 tetrahydro-1,2,3-triazole, tetrahydro-1,2,4-triazole, tetrahydro-1,3,4-triazole,
 tetrahydro-1,2,3-oxadiazole, tetrahydro-1,2,4-oxadiazole, tetrahydro-1,3,4-oxadiazole,
 5 tetrahydro-1,2,3-thiadiazole, tetrahydro-1,2,4-thiadiazole,
 tetrahydro-1,3,4-thiadiazole, tetrahydro-1,2,3,4-tetrazole, tetrahydro-1,2,3,5-tetrazole,
 tetrahydro-pyran, tetrahydro-thiopyran, tetrahydro-thiopyran-1,1-dioxide,
 tetrahydro-pyridine, tetrahydro-pyrimidine, tetrahydro-pyridazine,
 tetrahydro-pyrazine, tetrahydro-1,2,3-triazine, tetrahydro-1,2,4-triazine,
 10 tetrahydro-1,2,3,4-tetrazine, piperidine, indan, 1,2,3,4-tetrahydro-naphthalene,
 7,8-dimethyl-1-oxa-spiro[4.4]nonane, 6,7-dihydro-5H-[1]pyrindine,
 6,7-dihydro-5H-[2]pyrindine, 5,6,7,8-tetrahydro-quinoline,
 5,6,7,8-tetrahydro-isoquinoline, 5,6,7,8-tetrahydro-quinoxaline,
 6,7-dihydro-5H-cyclopentapyrazine, 4,5,6,7-tetrahydro-1H-benzoimidazole,
 15 4,5,6,7-tetrahydro-benzothiazole, 4,5,6,7-tetrahydro-benzooxazole,
 4,5,6,7-tetrahydro-benzo[c]isothiazole, 4,5,6,7-tetrahydro-benzo[c]isoxazole,
 4,5,6,7-tetrahydro-2H-indazole, 4,5,6,7-tetrahydro-2H-isoindole, and
 4,5,6,7-tetrahydro-1H-indole;

ring M is substituted with 0-3 R^{1a} and 0-1 carbonyl group;

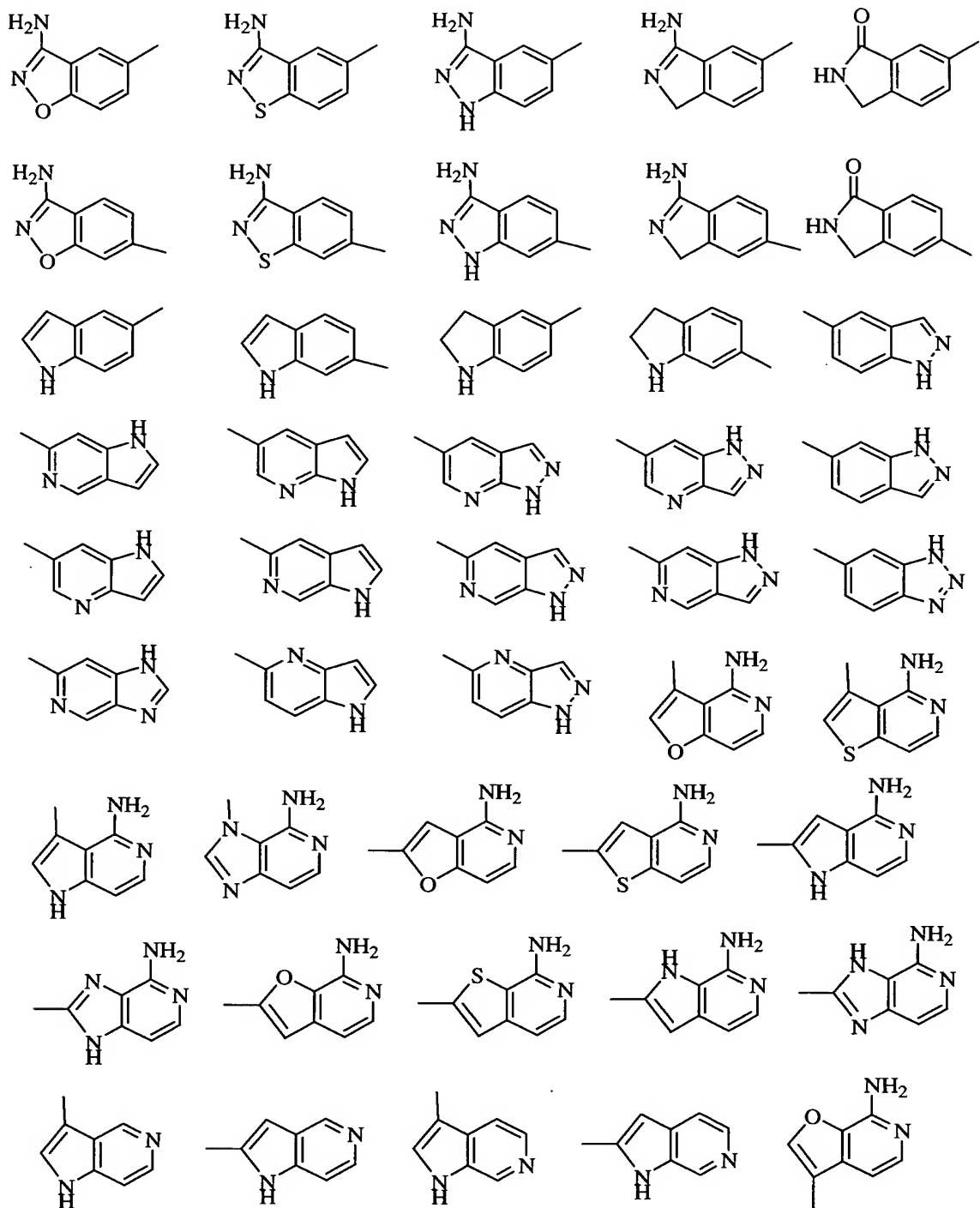
20 G is selected from the group: 2,5-bis-aminomethyl-phenyl;
 2-amido-4-methoxy-phenyl; 2-amido-5-chloro-phenyl; 2-amido-phenyl;
 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-3-methoxy-phenyl;
 2-aminomethyl-4-fluoro-phenyl; 2-aminomethyl-4-methoxy-phenyl;
 2-aminomethyl-5-fluoro-phenyl; 2-aminomethyl-5-methoxy-phenyl;
 25 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl;
 2-aminosulfonyl-4-methoxy-phenyl; 2-aminosulfonyl-phenyl;
 2-hydroxy-4-methoxy-phenyl; 2-methylsulfonyl-phenyl;
 3-(N,N-dimethylamino)-4-chloro-phenyl; 3-(N,N-dimethylamino)-phenyl;
 3-(N-hydroxy-amidino)-phenyl; 3-(N-methoxy-amidino)-phenyl;
 30 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amidino-phenyl;
 3-amido-6-hydroxy-phenyl; 3-amido-phenyl; 3-amino-4-chloro-phenyl;
 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl; 3-amino-phenyl;

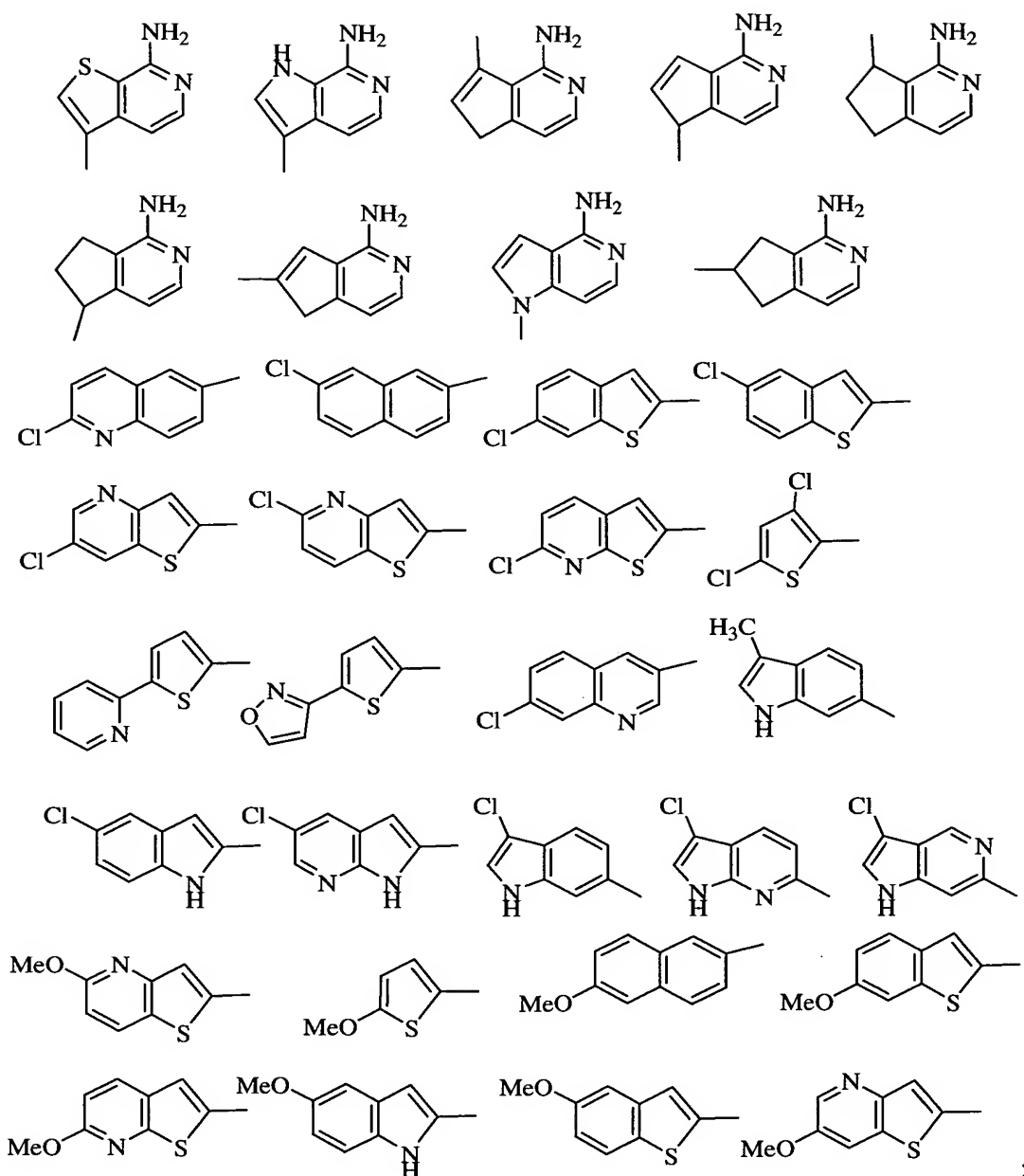
- 3-chloro-4-fluoro-phenyl; 3-chloro-phenyl; 3-hydroxy-4-methoxy-phenyl;
 4-(N,N-dimethylamino)-5-chloro-thien-2-yl; 4-(N-methylamino)-5-chloro-thien-2-yl;
 4-amino-5-chloro-thien-2-yl; 4-amino-pyrid-2-yl; 4-chloro-3-fluoro-phenyl;
 4-chloro-phenyl; 4-chloro-pyrid-2-yl; 4-methoxy-2-methylsulfonyl-phenyl;
 5 4-methoxy-phenyl; 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
 5-(N-methylamino)-4-chloro-thien-2-yl; 5-amino-4-chloro-thien-2-yl;
 5-chloro-2-aminosulfonyl-phenyl; 5-chloro-2-methylsulfonyl-phenyl;
 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl;
 6-amino-pyrid-2-yl;

10









G_1 is absent or is selected from $(CR^3R^{3a})_{1-3}$, $CR^3=CR^3$,

- 5 $(CR^3R^{3a})_u C(O)(CR^3R^{3a})_w$, $(CR^3R^{3a})_u O(CR^3R^{3a})_w$, $(CR^3R^{3a})_u NR^{3b}(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u S(O)(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(O)_2(CR^3R^{3a})_w$,
 $(CR^3R^{3a})_u S(O)NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u NR^{3b}S(O)_2(CR^3R^{3a})_w$,
10 $(CR^3R^{3a})_u S(O)_2NR^{3b}(CR^3R^{3a})_w$, and $(CR^3R^{3a})_u C(O)NR^{3b}S(O)_2(CR^3R^{3a})_w$,

wherein $u + w$ total 0, 1, or 2 and the right side of G_1 is attached to ring G, provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

5 A is 2-6 membered linear chain consisting of: carbon atoms, 0-2 carbonyl groups, and 0-2 heteroatoms selected from O, N, and $S(O)_p$, and A is substituted with 0-2 R^{1a} and 0-2 R^2 , and there are 0-1 double bonds and 0-1 triple bonds; provided that other than an S-S, S-O, or O-O bond is present in A;

B^1 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $-(CH_2)_{0-1}-C_{5-6}$ carbocycle substituted with 0-2 R^{4b} , and $-(CH_2)_{0-1}-5-6$ membered
10 heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} ;

B^2 is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $C(O)R^{2e}$, $C(O)NR^{2d}R^{2d}$, $SO_2NR^{2d}R^{2d}$, and $S(O)_pR^{5a}$;

B^3 is selected from H, C_{1-6} alkyl substituted with 0-1 R^{4c} , $-(CH_2)_{0-1}-3-6$
15 membered carbocycle substituted with 0-1 R^5 , and a $-(CH_2)_{0-1}-5-6$ membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-1 R^5 ;

B^4 is selected from H, SO_2R^{3b} and OR^2 ;

B^5 is NR^2R^{2f} ;

20 ring Q is a 5-6 membered ring consisting of, in addition to the $N-CR^{4d}=N$ group shown, carbon atoms and 0-2 heteroatoms selected from N, O, and $S(O)_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

Q^4 is selected from $C=O$ and SO_2 ;

ring Q^3 is a 5-7 membered ring consisting of, in addition to the $N-Q^4$ group
25 shown, carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$, wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R^{4a} ;

alternatively, ring Q^3 is a 5-7 membered ring to which another ring is fused,
wherein: the 5-7 membered ring consists of, in addition to the shown amide group,
30 carbon atoms and 0-2 heteroatoms selected from NR^{4c} , O, S, $S(O)$, and $S(O)_2$, and

0-1 double bonds are present within the ring; the fusion ring is phenyl or a 5-6 membered heteroaromatic consisting of carbon atoms and 1-2 heteroatoms selected from NR^{4c}, O, and S;

5 ring Q³, which includes the 5-7 membered ring and the fusion ring, is substituted with 0-3 R^{4a};

ring Q⁵, is a C₃₋₆ monocyclic carbocycle or 5-6 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p, the carbocycle or heterocycle further comprises 0-1 double bonds and 0-1 carbonyl groups, and the carbocycle or
10 heterocycle is substituted with 0-2 R⁴;

Y is CY¹Y²R^{4a}, and Y¹ and Y² are independently C₁₋₂ alkyl substituted with 0-1 R⁴;

alternatively, Y is selected from one of the following carbocycles and heterocycles that are substituted with 1 R^{4a} and 0-1 R⁴; cyclopentyl, cyclohexyl,
15 phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, oxadiazolyl, thiadiazolyl, triazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl, 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl,
20 1,3,4-triazolyl, benzofuranyl, benzothiofuranyl, indolyl, benzimidazolyl, benzimidazolonyl, benzoxazolyl, benzthiazolyl, indazolyl, benzisoxazolyl, benzisothiazolyl, and isoindazole;

R^{1a} is selected from H, R^{1b}, CH(CH₃)R^{1b}, C(CH₃)₂R^{1b}, CH₂R^{1b}, and CH₂CH₂R^{1b}, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

25 alternatively, when two R^{1a} groups are attached to adjacent atoms, together with the atoms to which they are attached they form a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

R^{1b} is selected from H, CH₃, CH₂CH₃, F, Cl, Br, -CN, -CHO, CF₃, OR²,
30 NR²R^{2a}, C(O)R^{2b}, CO₂R^{2b}, OC(O)R², CO₂R^{2a}, S(O)_pR^{2b}, NR²(CH₂)_rOR², NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, NR²SO₂R², phenyl substituted with 0-2

R^{4b}, and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

5 R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-2 R^{4b}, a benzyl substituted with 0-2 R^{4b}, and a 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

 R^{2a}, at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃,
10 CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-2 R^{4b}, phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

 alternatively, NR²R^{2a} forms a 5 or 6 membered saturated, partially saturated,
15 or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

 R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-2 R^{4b}, phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4
20 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

 R^{2c}, at each occurrence, is selected from CF₃, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-2 R^{4b}, phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic
25 heterocycle containing from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b};

 R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and
30 consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting

of N, O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

- 5 R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;
- 10

 R^{2f}, at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, OCH₃, and benzyl;

- 15 alternatively, NR²R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-2 additional heteroatoms selected from N, O, and S(O)_p, and this ring is substituted with 0-2 R^{4b};

- alternatively, B⁴ and R^{2f} combine to form a 5-6 membered ring consisting of: carbon atoms and 0-1 additional heteroatoms selected from N, O, and S(O)_p, and this
- 20 ring is substituted with 0-2 R^{4b} and the R² group of NR²R^{2f}, in addition to the groups recited below, can be SO₂R^{3b};

 R^{3b}, at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, and CH(CH₃)₂;

- R⁴, at each occurrence, is selected from H, =O, CH₂OR², (CH₂)₂OR², OR², F,
- 25 Cl, Br, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, NR²C(O)NR²R^{2a}, SO₂NR²R^{2a}, CF₃, and CF₂CF₃;

R^{4a} is selected from $-(CR^3R^3g)_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CR^3R^3g)_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, $(CR^3R^3g)_rNR^{2d}R^{2d}$, $(CR^3R^3g)_rN(\rightarrow O)R^{2d}R^{2d}$, $(CR^3R^3g)_rOR^{2d}$,
 5 $(CR^3R^3g)_rNR^{2d}C(O)R^{2e}$, $(CR^3R^3g)_rC(O)R^{2e}$, $(CR^3R^3g)_rOC(O)R^{2e}$,
 $(CR^3R^3g)_rC(O)NR^{2d}R^{2d}$, $(CR^3R^3g)_rC(O)OR^{2d}$, $(CR^3R^3g)_rNR^{2d}C(O)NR^{2d}R^{2d}$,
 $(CR^3R^3g)_rNR^{2d}C(O)OR^{2d}$, $(CR^3R^3g)_rSO_2NR^{2d}R^{2d}$, $(CR^3R^3g)_rNR^{2d}SO_2R^{2d}$, and
 $(CR^3R^3g)_rS(O)_pR^{2d}$, provided that $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;

R^{4b} , at each occurrence, is selected from H, =O, OR^3 , CH_2OR^3 , F, Cl, CH_3 ,
 10 CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, -CN, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$,
 $CH_2C(O)R^3$, $C(O)OR^{3c}$, $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $CH_2NR^3C(O)R^{3a}$,
 $C(O)NR^3R^{3a}$, $CH_2C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $CH_2SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl,
 $CH_2NR^3SO_2-C_{1-4}$ alkyl, NR^3SO_2 -phenyl, $CH_2NR^3SO_2$ -phenyl, $S(O)_pCF_3$,
 $CH_2S(O)_pCF_3$, $S(O)_p-C_{1-4}$ alkyl, $CH_2S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl,
 15 $CH_2S(O)_p$ -phenyl, and CF_3 ;

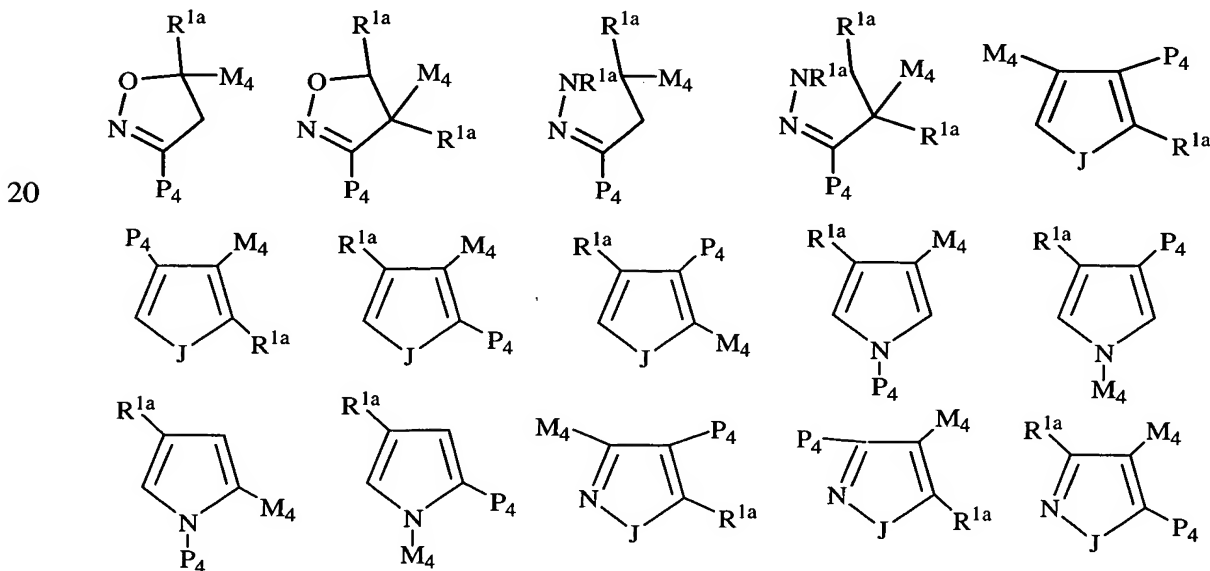
R^{4c} , at each occurrence, is selected from =O, OR^2 , $(CR^3R^{3a})OR^2$, F,
 $(CR^3R^{3a})F$, Br, $(CR^3R^{3a})Br$, Cl, $(CR^3R^{3a})Cl$, CF_3 , $(CR^3R^{3a})CF_3$, C_{1-4} alkyl, C_{2-3}
 alkenyl, C_{2-3} alkynyl, -CN, $(CR^3R^{3a})CN$, NO_2 , $(CR^3R^{3a})NO_2$, $NR^{2a}R^{2a}$,
 $(CR^3R^{3a})NR^{2a}R^{2a}$, $N(\rightarrow O)R^{2a}R^{2a}$, $(CR^3R^{3a})N(\rightarrow O)R^{2a}R^{2a}$, $C(O)R^{2c}$,
 20 $(CR^3R^{3a})C(O)R^{2c}$, $NR^{2c}C(O)R^{2b}$, $(CR^3R^{3a})NR^{2c}C(O)R^{2b}$, $C(O)NR^{2a}R^{2a}$,
 $(CR^3R^{3a})C(O)NR^{2a}R^{2a}$, $NR^{2c}C(O)NR^{2a}R^{2a}$, $(CR^3R^{3a})NR^{2c}C(O)NR^{2a}R^{2a}$, $SO_2NR^{2a}R^{2a}$,
 $(CR^3R^{3a})SO_2NR^{2a}R^{2a}$, $NR^{2a}SO_2NR^{2a}R^{2a}$, $(CR^3R^{3a})NR^{2a}SO_2NR^{2a}R^{2a}$, $NR^{2a}SO_2R^{5a}$,
 $(CR^3R^{3a})NR^{2a}SO_2R^{5a}$, $S(O)_pR^{5a}$, $(CR^3R^{3a})S(O)_pR^{5a}$, CF_3 , CF_2CF_3 , C_{3-10} carbocycle
 substituted with 0-2 R^{4b} , $(CR^3R^{3a})C_{3-10}$ carbocycle substituted with 0-2 R^{4b} , 5-10
 25 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected
 from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} , and
 (CR^3R^{3a}) -5-10 membered heterocycle consisting of carbon atoms and from 1-4
 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted
 with 0-2 R^{4b} ;

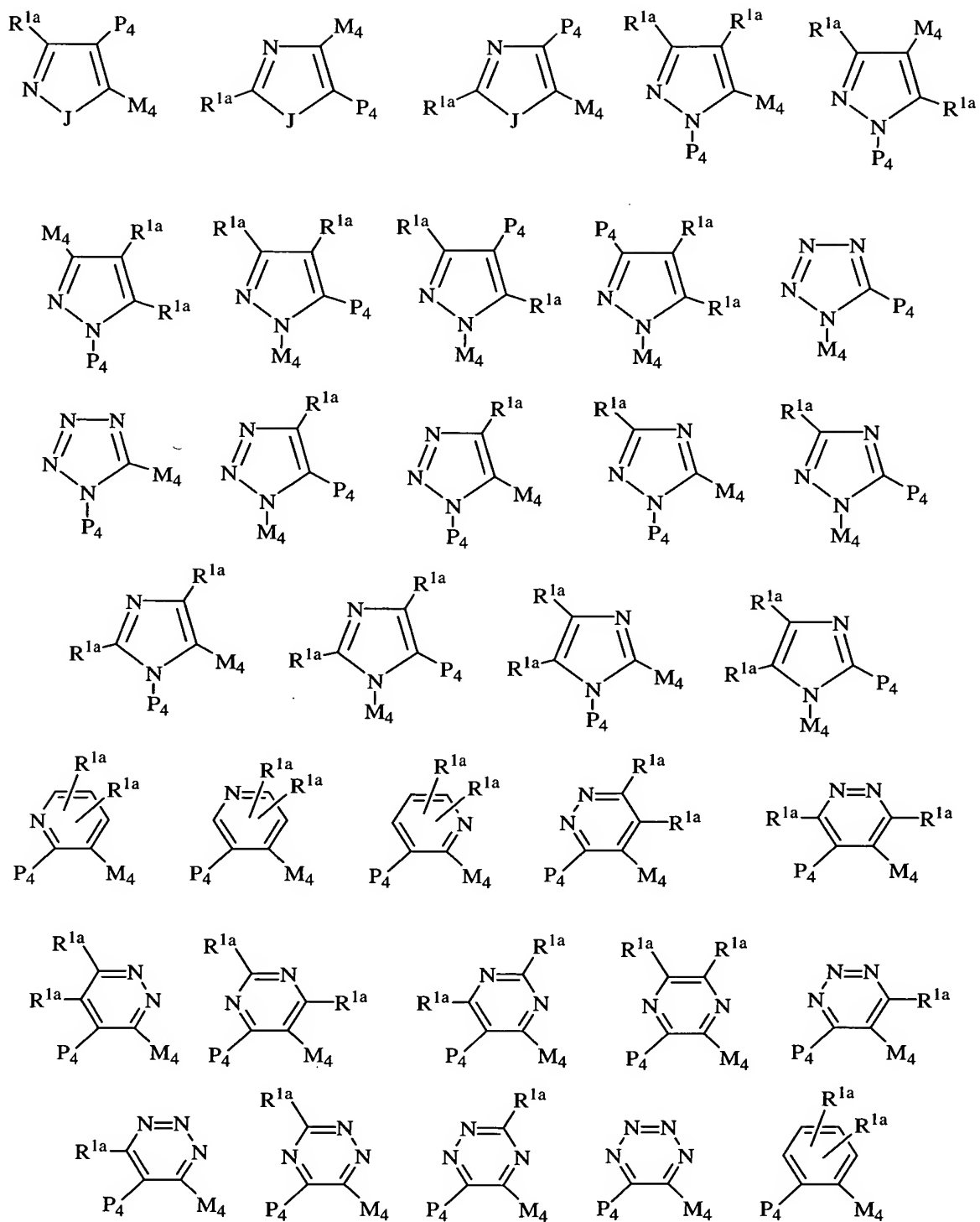
- R^{4d} , at each occurrence, is selected from H, OR^2 , CH_2OR^2 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $NR^2C(O)NR^2R^{2a}$, $NR^2SO_2R^5$, $SO_2NR^2R^{2a}$, 6 membered carbocycle substituted with 0-1 R^5 , and a 5-6 membered heterocycle consisting of: carbon atoms and 1-2 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-1 R^5 ;

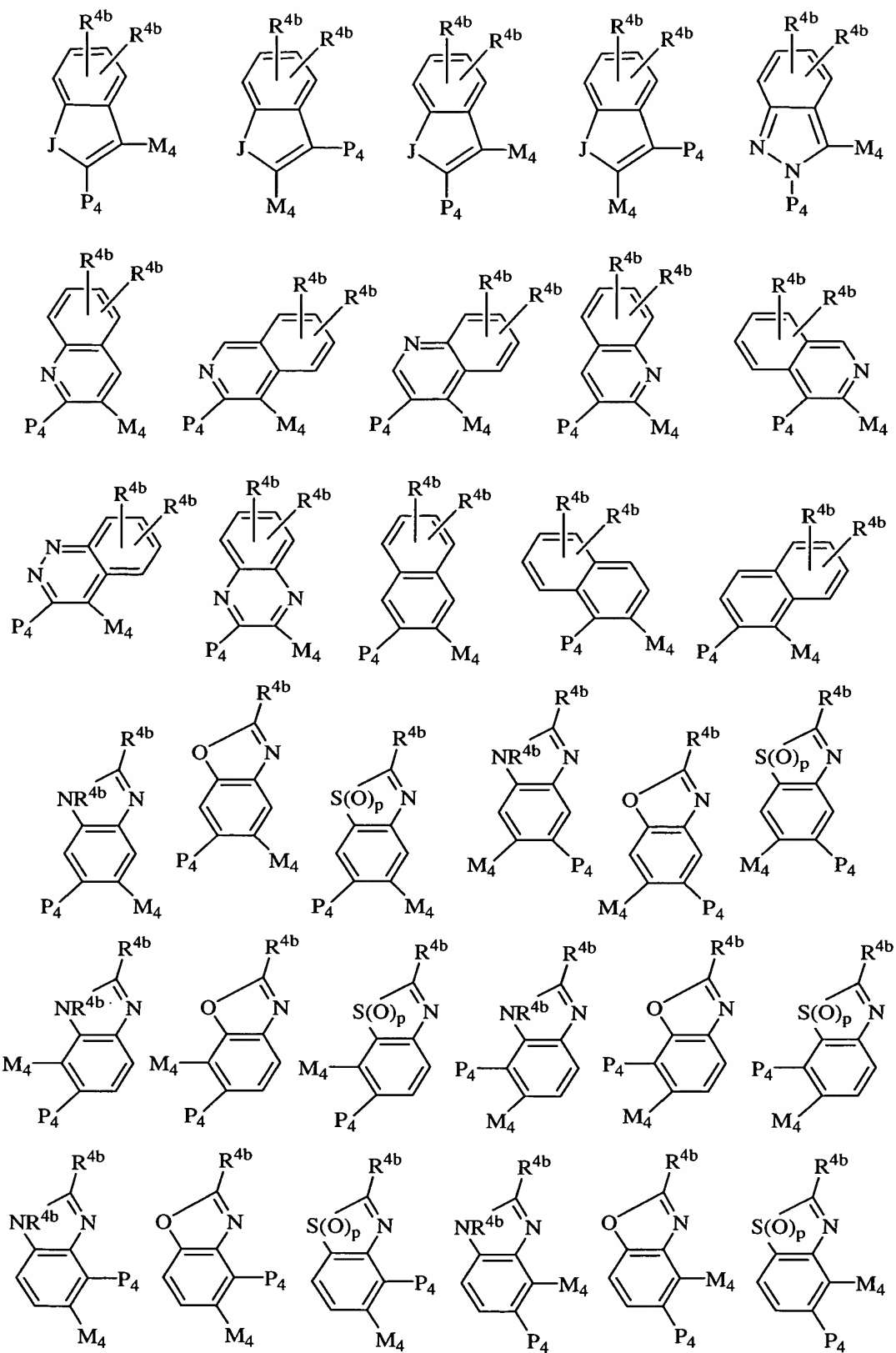
- R^5 , at each occurrence, is selected from H, $=O$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, OR^3 , CH_2OR^3 , F, Cl, $-CN$, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $CH_2C(O)R^3$, $C(O)OR^{3c}$, $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, $NR^3SO_2CF_3$, NR^3SO_2 -phenyl, $S(O)_pCF_3$, $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, CF_3 , phenyl substituted with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and benzyl substituted with 0-2 R^6 ; and

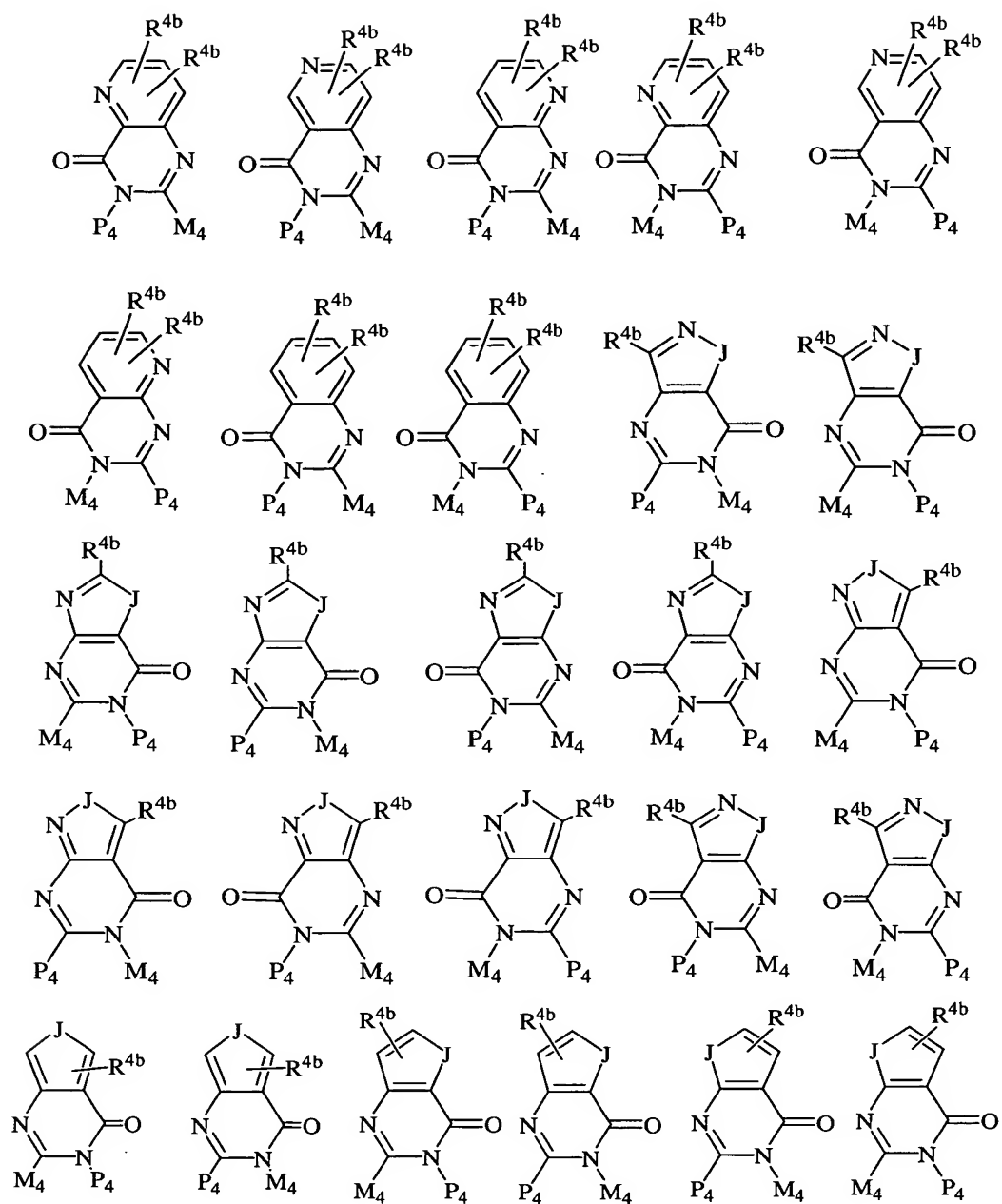
- R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$, $SO_2NR^2R^{2a}$, and $NR^2SO_2C_{1-4}$ alkyl.

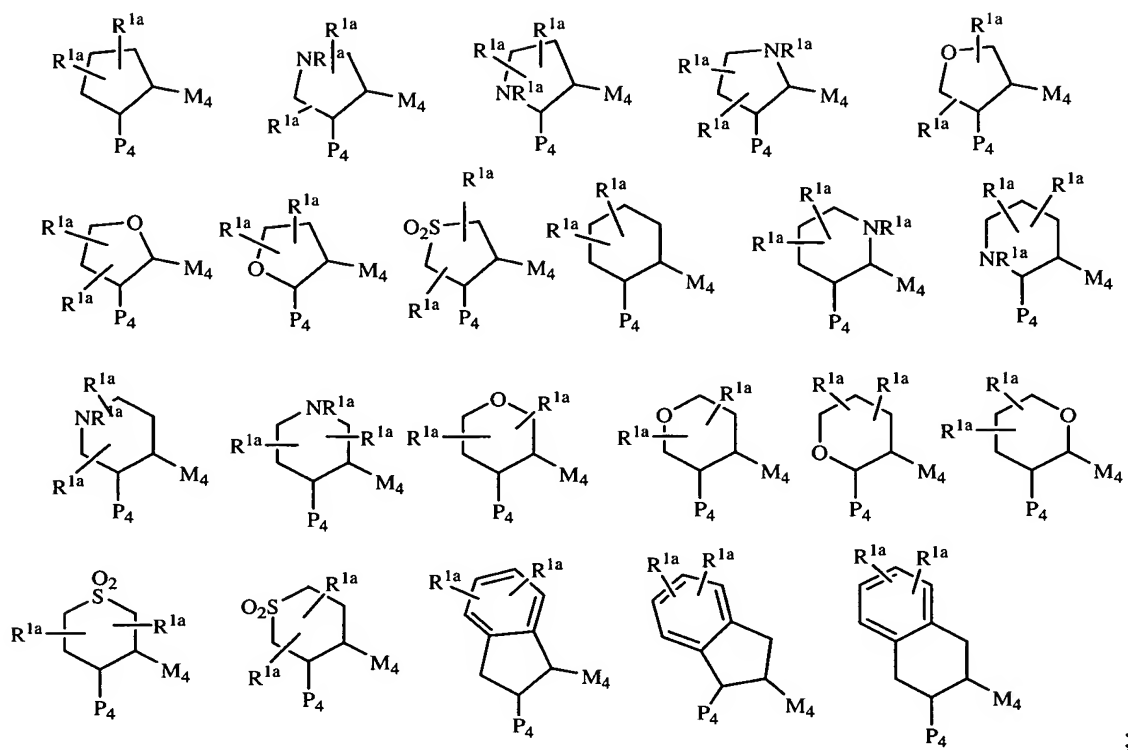
11. A compound according to Claim 10, wherein the compound is selected from:











J is selected from O, S, NH, and NR^{1a};

[00701] G is selected from the group: 2-amido-4-methoxy-phenyl;

2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-4-fluoro-phenyl;

5 2-aminomethyl-4-methoxy-phenyl; 2-aminomethyl-5-fluoro-phenyl;

2-aminomethyl-5-methoxy-phenyl; 2-aminomethyl-6-fluoro-phenyl;

2-aminomethyl-phenyl; 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;

2-aminosulfonyl-phenyl; 2-methylsulfonyl-phenyl;

3-(N,N-dimethylamino)-4-chloro-phenyl; 3-(N,N-dimethylamino)-phenyl;

10 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amido-phenyl;

3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl; 3-amino-phenyl; 3-chloro-phenyl;

4-(N,N-dimethylamino)-5-chloro-thien-2-yl; 4-(N-methylamino)-5-chloro-thien-2-yl;

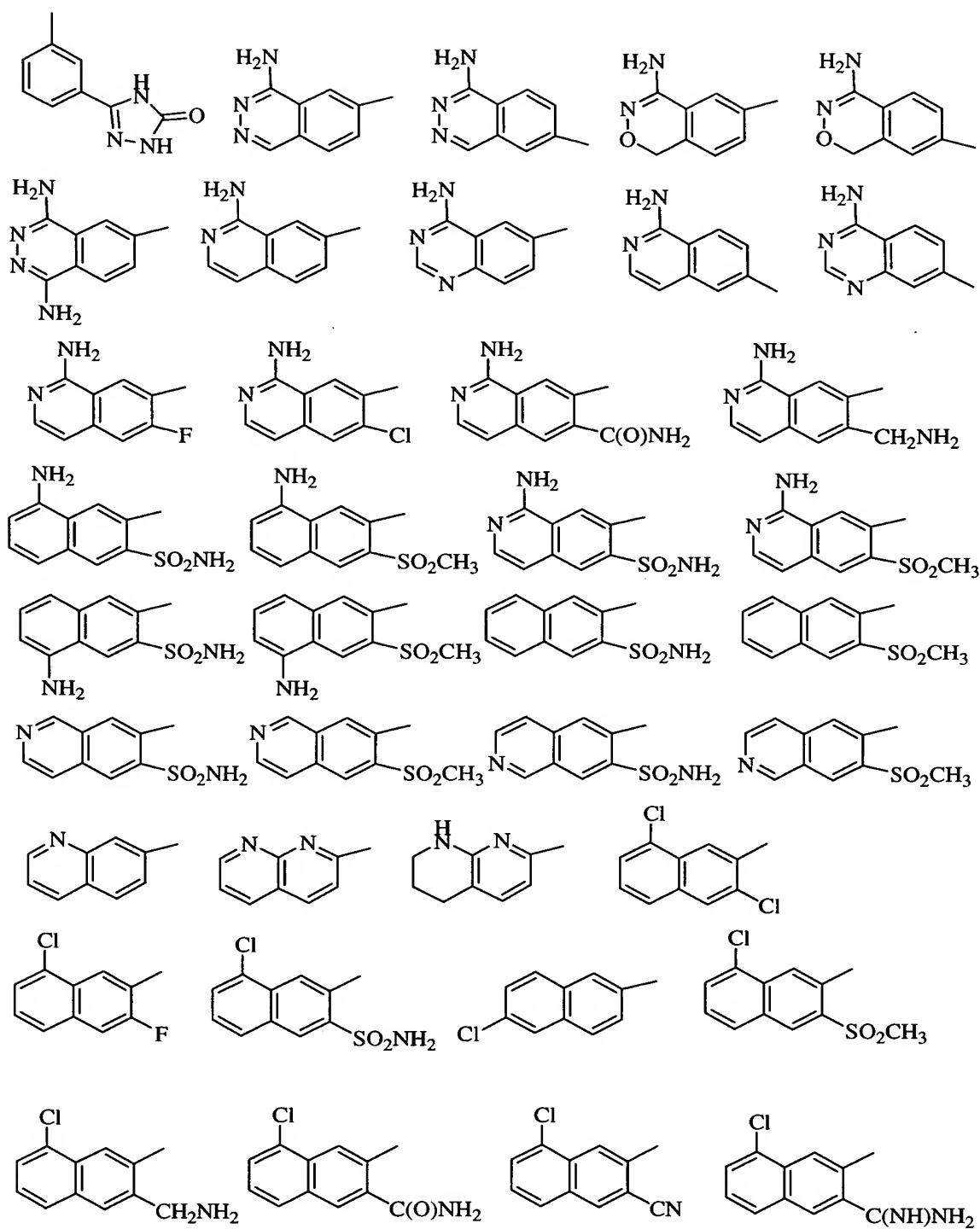
4-amino-5-chloro-thien-2-yl; 4-chloro-phenyl; 4-methoxy-2-methylsulfonyl-phenyl;

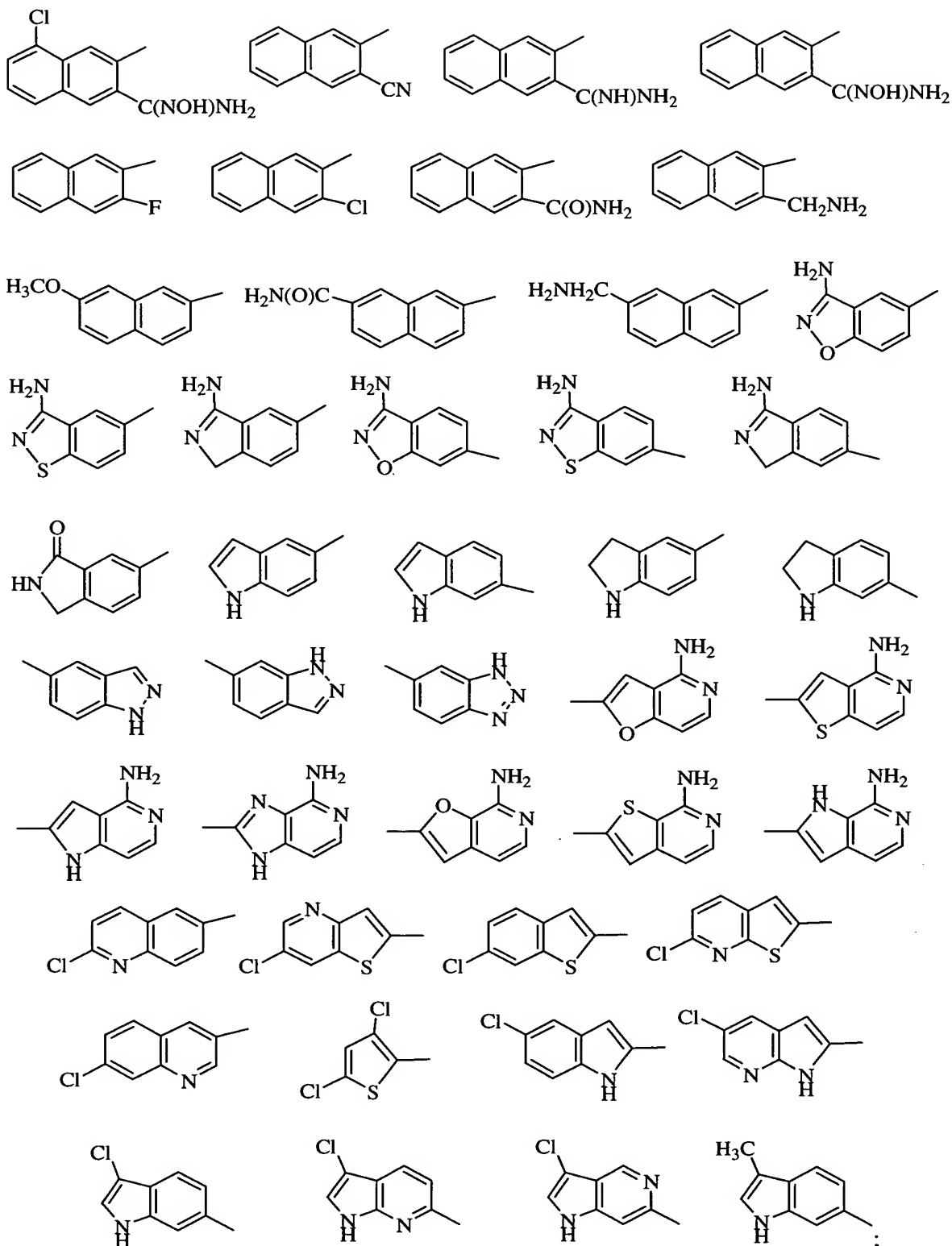
4-methoxy-phenyl; 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;

15 5-(N-methylamino)-4-chloro-thien-2-yl; 5-amino-4-chloro-thien-2-yl;

5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl;

6-amino-pyrid-2-yl; 3-amidino-phenyl;





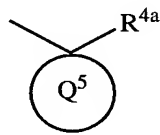
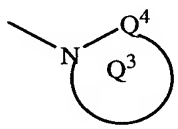
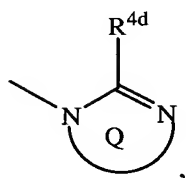
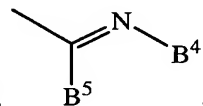
5

G₁ is absent or is selected from CH₂, CH₂CH₂, CH₂O, OCH₂, NH, CH₂NH,
 10 NHCH₂, CH₂C(O), C(O)CH₂, C(O)NH, NHC(O), NHC(O)NH, C(O)NHS(O)₂,

$\text{CH}_2\text{S}(\text{O})_2$, $\text{S}(\text{O})_2(\text{CH}_2)$, SO_2NH , and NHSO_2 , wherein the right side of G_1 is attached to ring G, provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

- 5 A is 2-6 membered linear chain consisting of: carbon atoms, 0-1 carbonyl groups, and 0-1 heteroatoms selected from O, N, and $\text{S}(\text{O})_p$, and A is substituted with 0-1 R^{1a} and 0-2 R^2 , and there are 0-1 double bonds; provided that other than an S-S, S-O, or O-O bond is present in A;

B is selected from Y, $\text{N}(\text{B}^1)\text{C}(\text{O})\text{C}(\text{R}^3\text{R}^{3g})\text{NB}^2\text{B}^3$,



- 10 ; provided that the R^{4d} shown is other than OH;

B^1 is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, and $\text{CH}(\text{CH}_3)_2$;

B^2 is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, and $\text{CH}(\text{CH}_3)_2$;

- B^3 is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}_2\text{CH}(\text{CH}_3)_2$, $\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$, $\text{C}(\text{CH}_3)_3$, C_{2-5} alkyl substituted with 1 R^{4c} , $-(\text{CH}_2)_{0-1-3-6}$ membered carbocycle substituted with 0-1 R^5 , and a $-(\text{CH}_2)_{0-1-5-6}$ membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$ and substituted with 0-1 R^5 ;

B^4 is selected from H, SO_2R^{3b} and OR^2 ;

- 20 B^5 is NR^2R^{2f} ;

ring Q is a 5-6 membered ring consisting of, in addition to the $\text{N}-\text{CR}^{4d}=\text{N}$ group shown, carbon atoms and 0-1 heteroatoms selected from N, O, and $\text{S}(\text{O})_p$, and the ring is substituted with an additional 0-2 R^{4d} ;

Q^4 is selected from $\text{C}=\text{O}$ and SO_2 ;

- 25 ring Q^3 is a 6-7 membered ring consisting of, in addition to the $\text{N}-\text{Q}^4$ group shown, carbon atoms and 0-1 heteroatoms selected from NR^{4c} , O, S, $\text{S}(\text{O})$, and $\text{S}(\text{O})_2$,

wherein: 0-2 double bonds are present within the ring and the ring is substituted with 0-2 R⁴;

alternatively, ring Q³ is a 5-7 membered ring to which another ring is fused, wherein: the 5-7 membered ring consists of, in addition to the shown amide group, 5 carbon atoms and 0-1 heteroatoms selected from NR^{4c}, O, S, S(O), and S(O)₂, and 0-1 double bonds are present within the ring; the fusion ring is phenyl;

ring Q³, which includes the 5-7 membered ring and the fusion ring, is substituted with 0-2 R⁴;

ring Q⁵ is selected from cyclopropyl, cyclobutyl, cyclopentyl, 10 cyclopentanonyl, cyclohexyl, cyclohexanonyl, pyrrolidinyl, pyrrolidinonyl, piperidinyl, piperidinonyl, tetrahydrofuranyl, and tetrahydropyranyl, and is substituted with 0-1 R⁴;

Y is selected from C(CH₃)₂R^{4a} and C(CH₂CH₃)₂R^{4a};

alternatively, Y is selected from phenyl, pyridyl, pyrrolidino, morpholino, 15 1,2,3-triazolyl, imidazolyl, and benzimidazolyl, and is substituted with 1 R^{4a} and 0-1 R⁴;

R^{1a}, at each occurrence, is selected from H, R^{1b}, CH(CH₃)R^{1b}, C(CH₃)₂R^{1b}, and CH₂R^{1b}, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

R^{1b} is selected from CH₃, CH₂CH₃, F, Cl, Br, -CN, CF₃, OR², NR²R^{2a}, 20 C(O)R^{2b}, CO₂R^{2b}, CO₂R^{2a}, S(O)_pR^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, NR²SO₂R², and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

25 R², at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-1 R^{4b}, benzyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-1 R^{4b};

R^{2a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, 30 CH(CH₃)₂, benzyl substituted with 0-1 R^{4b}, phenyl substituted with 0-1 R^{4b}, and 5-6

membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-1 R^{4b};

alternatively, NR²R^{2a} forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional
5 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-1 R^{4b}, phenyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting
10 of N, O, and S(O)_p, and substituted with 0-1 R^{4b};

R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl substituted with 0-1 R^{4b}, phenyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle containing from 1-4 heteroatoms selected from the group consisting of N,
15 O, and S(O)_p, and substituted with 0-1 R^{4b};

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and
20 S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and
25 S(O)_p, and -(CH₂)-5-6 membered heterocycle and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that
30 R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R^{2f} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , OCH_3 , and benzyl;

alternatively, NR^2R^{2f} forms a 5-6 membered ring consisting of: carbon atoms and 0-1 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is

5 substituted with 0-1 R^{4b} ;

alternatively, B^4 and R^{2f} combine to form a 5 membered ring consisting of: carbon atoms and 0-1 additional heteroatoms selected from N, O, and $S(O)_p$, and this ring is substituted with 0-2 R^{4b} and the R^2 group of NR^2R^{2f} , in addition to the groups recited below, can be SO_2R^{3b} ;

10 R^{3b} , at each occurrence, is selected from H and CH_3 ;

R^4 , at each occurrence, is selected from H, =O, OH, OR^2 , CH_2OR^2 , $(CH_2)_2OR^2$, F, Br, Cl, I, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, NR^2R^{2a} , $CH_2NR^2R^{2a}$, $(CH_2)_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, CF_3 , and CF_2CF_3 ;

15 R^{4a} is selected from $-(CR^3R^{3g})_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CR^3R^{3g})_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, $(CR^3R^{3g})_rNR^{2d}R^{2d}$, $(CR^3R^{3g})_rN(\rightarrow O)R^{2d}R^{2d}$, $(CR^3R^{3g})_rOR^{2d}$, $(CR^3R^{3g})_rNR^{2d}C(O)R^{2e}$, $(CR^3R^{3g})_rC(O)R^{2e}$, $(CR^3R^{3g})_rC(O)NR^{2d}R^{2d}$,
20 $(CR^3R^{3g})_rNR^{2d}C(O)NR^{2d}R^{2d}$, $(CR^3R^{3g})_rNR^{2d}C(O)OR^{2d}$, $(CR^3R^{3g})_rNR^{2d}SO_2R^{2d}$, and $(CR^3R^{3g})_rS(O)_pR^{2d}$, provided that $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;

R^{4b} , at each occurrence, is selected from H, =O, OR^3 , CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, -CN, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl,

25 NR^3SO_2 -phenyl, $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, and CF_3 ;

R^{4c} , at each occurrence, is selected from =O, OR^2 , CH_2OR^2 , F, Br, Cl, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, C_{2-3} alkenyl, C_{2-3} alkynyl, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $CH_2N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$, $CH_2C(O)R^{2c}$,

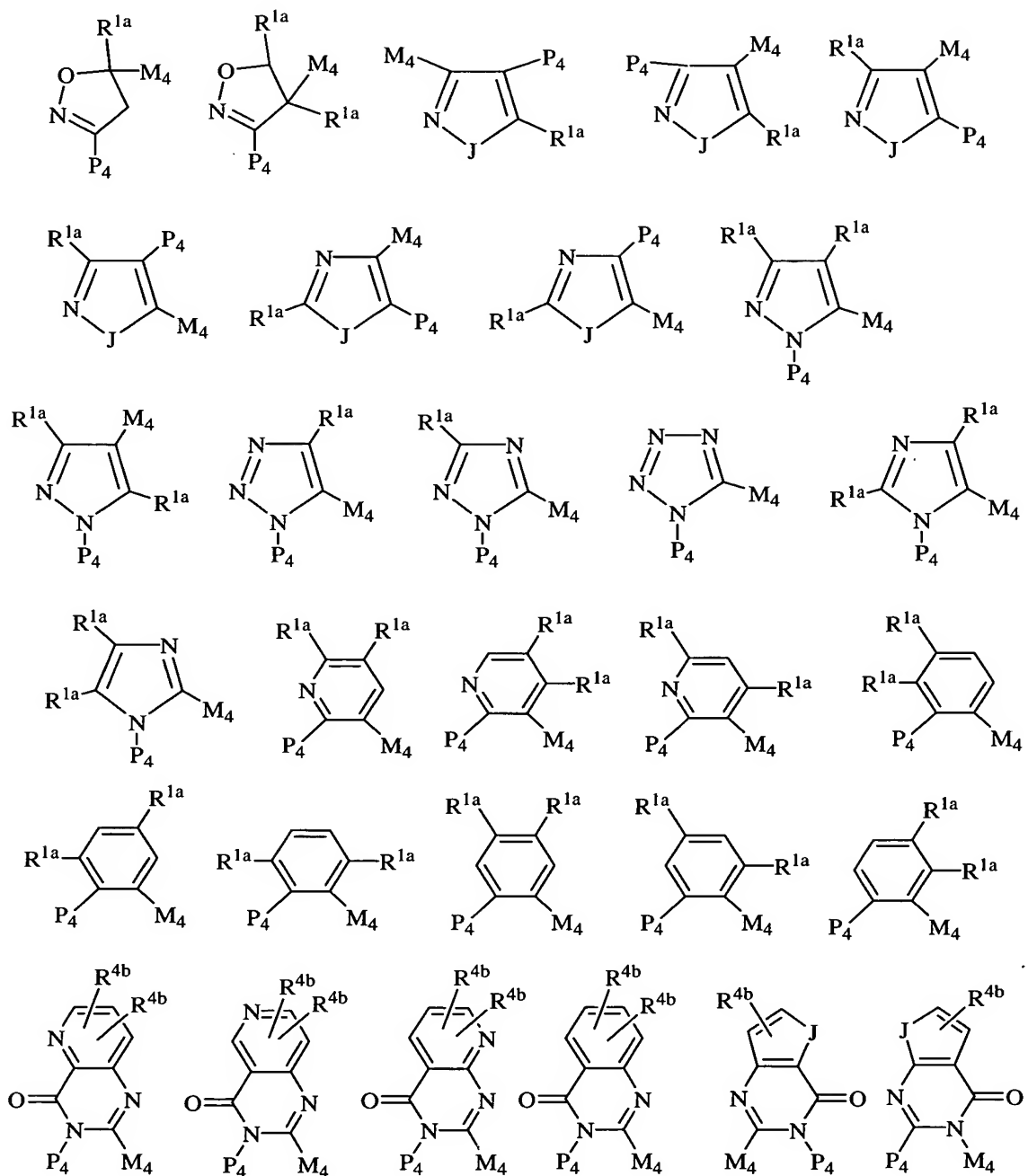
NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a},
 CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, CH₂S(O)_pR^{5a}, CF₃,
 CF₂CF₃, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, (CH₂)C₃₋₆ carbocycle substituted
 with 0-2 R^{4b}, 5-6 membered heterocycle consisting of carbon atoms and from 1-4
 5 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted
 with 0-2 R^{4b}, and (CH₂)-5-6 membered heterocycle consisting of carbon atoms and
 from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and
 substituted with 0-2 R^{4b};

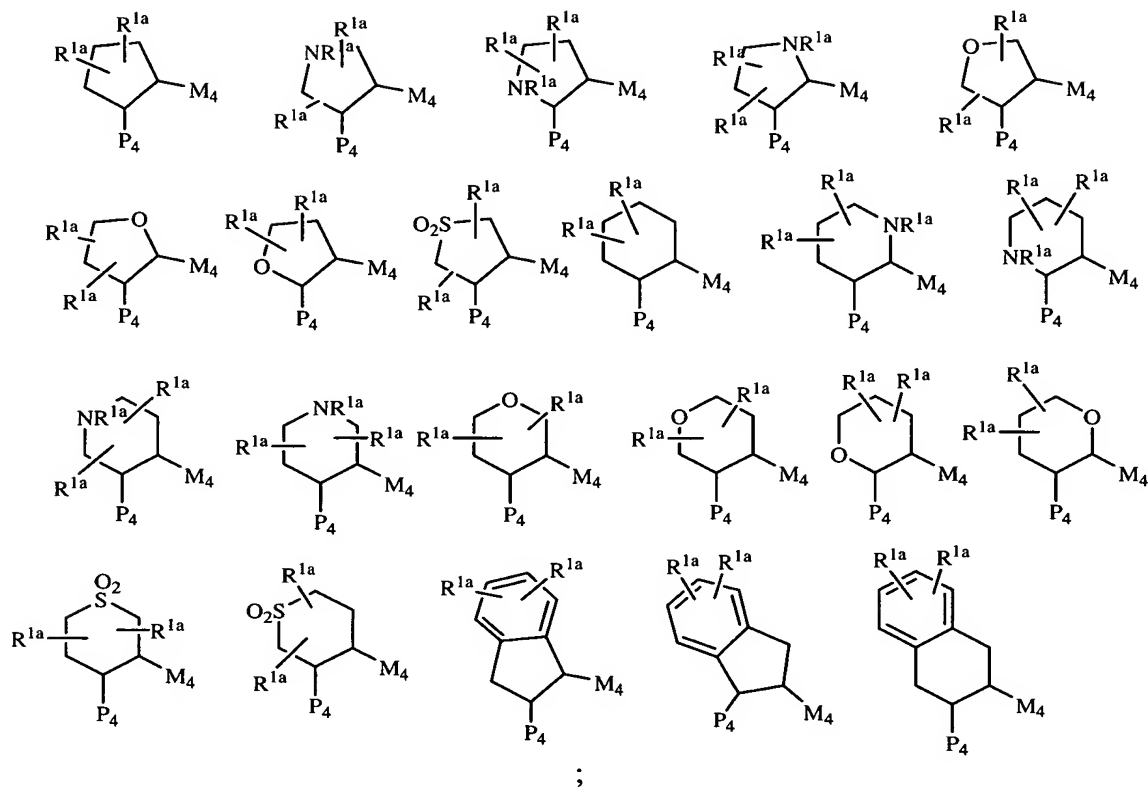
R^{4d}, at each occurrence, is selected from H, OR², CH₂OR², CH₃, CH₂CH₃,
 10 CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃,
 C(CH₃)₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a},
 NR²SO₂R⁵, phenyl substituted with 0-1 R⁵, and a 5-6 membered heterocycle
 consisting of: carbon atoms and 1 heteroatom selected from the group consisting of
 N, O, and S(O)_p and substituted with 0-1 R⁵;

15 R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, CH₂CH₂CH₃,
 CH(CH₃)₂, OR³, CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³,
 C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl,
 NR³SO₂-phenyl, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2
 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶; and,

20 R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃,
 CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b},
 NR²C(O)R^{2b}, and SO₂NR²R^{2a}.

12. A compound according to Claim 11, wherein wherein the compound is
 25 selected from:



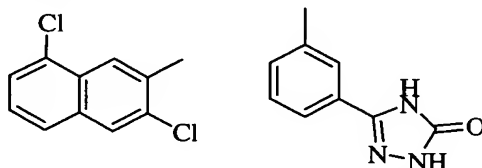


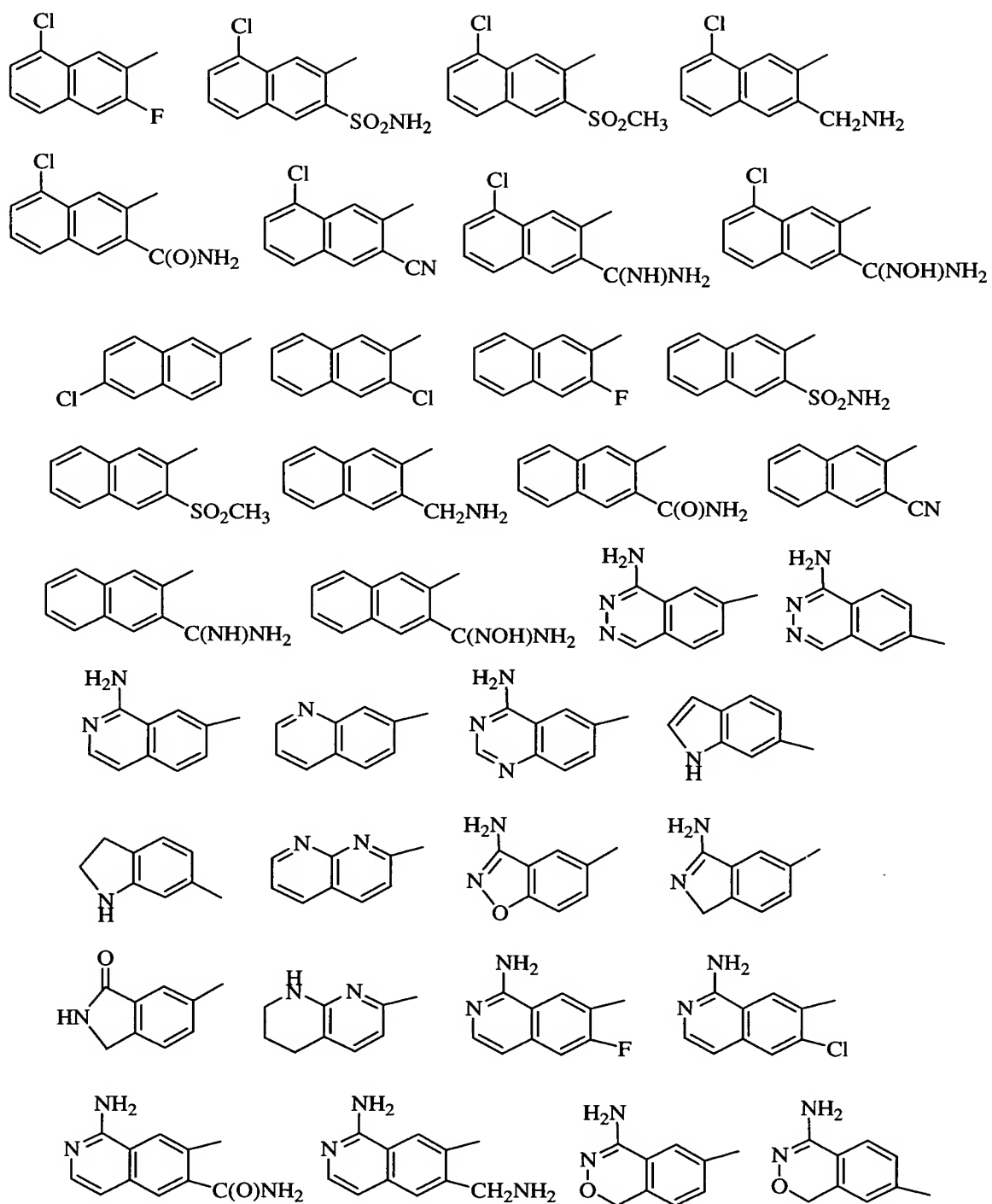
J is selected from O, S, NH, and NR^{1a};

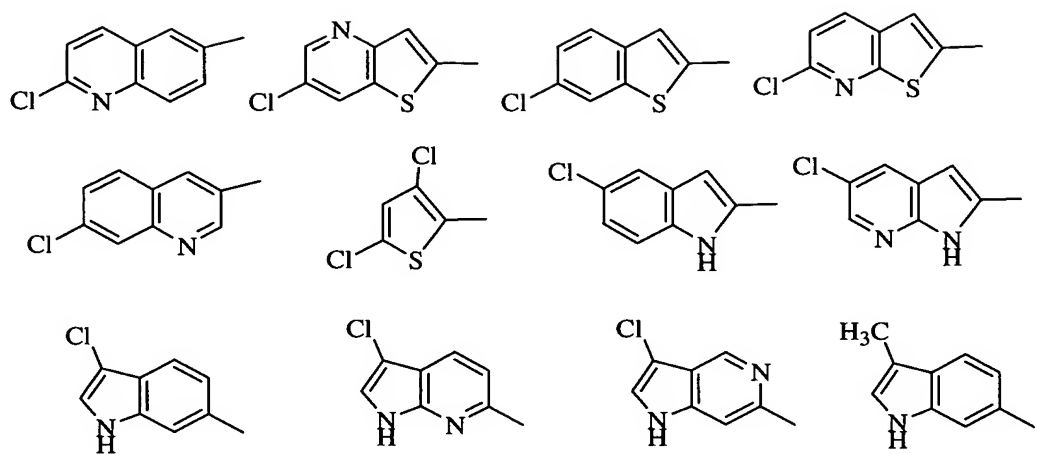
P₄ is -G;

5 M₄ is -A-B;

[00702] G is selected from: 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
 2-aminomethyl-3-fluoro-phenyl; 2-aminomethyl-4-fluoro-phenyl;
 2-aminomethyl-5-fluoro-phenyl; 2-aminomethyl-6-fluoro-phenyl;
 2-aminomethyl-phenyl; 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
 10 2-aminosulfonyl-phenyl; 3-amido-phenyl; 3-amino-4-chloro-phenyl;
 3-aminomethyl-phenyl; 3-chloro-phenyl; 4-chloro-phenyl; 4-methoxy-phenyl;
 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl;
 6-amino-pyrid-2-yl; 3-amidino-phenyl;



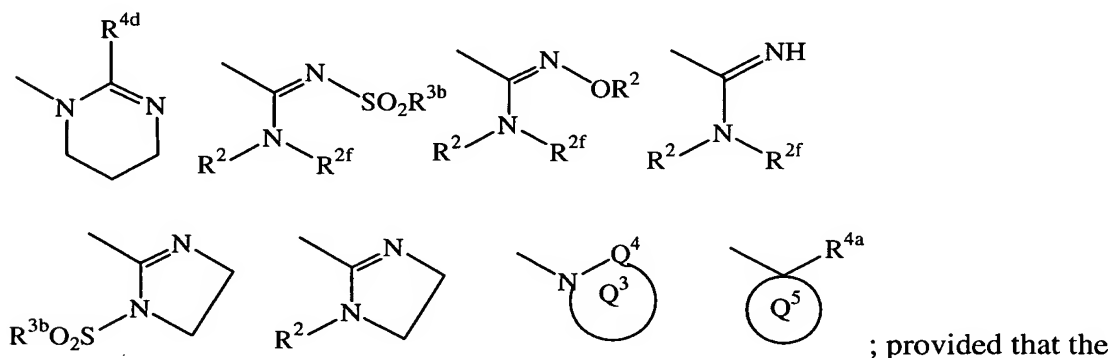




- G_1 is absent or is selected from CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $NHC(O)NH$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$, wherein the right side of G_1 is attached to ring G , provided that G_1 does not form a
- 5 N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

A is 2-6 membered linear chain consisting of: carbon atoms, 0-1 carbonyl groups, and A is substituted with 0-1 R^{1a} and 0-2 R^2 , and there are 0-1 double bonds;

B is selected from Y , $N(B^1)C(O)C(R^3R^{3g})NB^2B^3$,

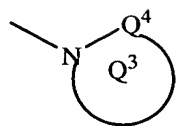


- 10 R^{4d} shown is other than OH ;

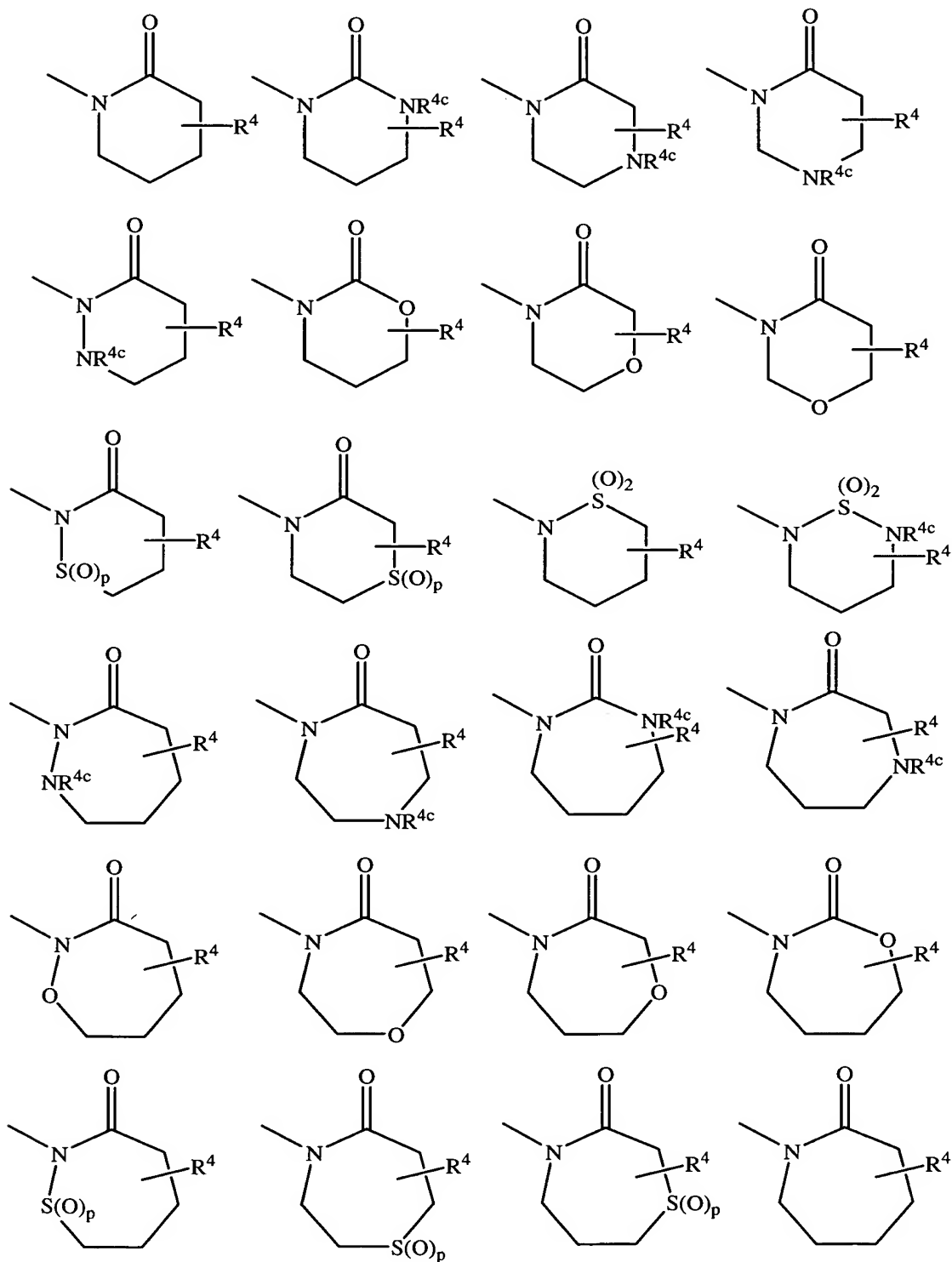
B^1 is selected from H , CH_3 , CH_2CH_3 , and $CH_2CH_2CH_3$;

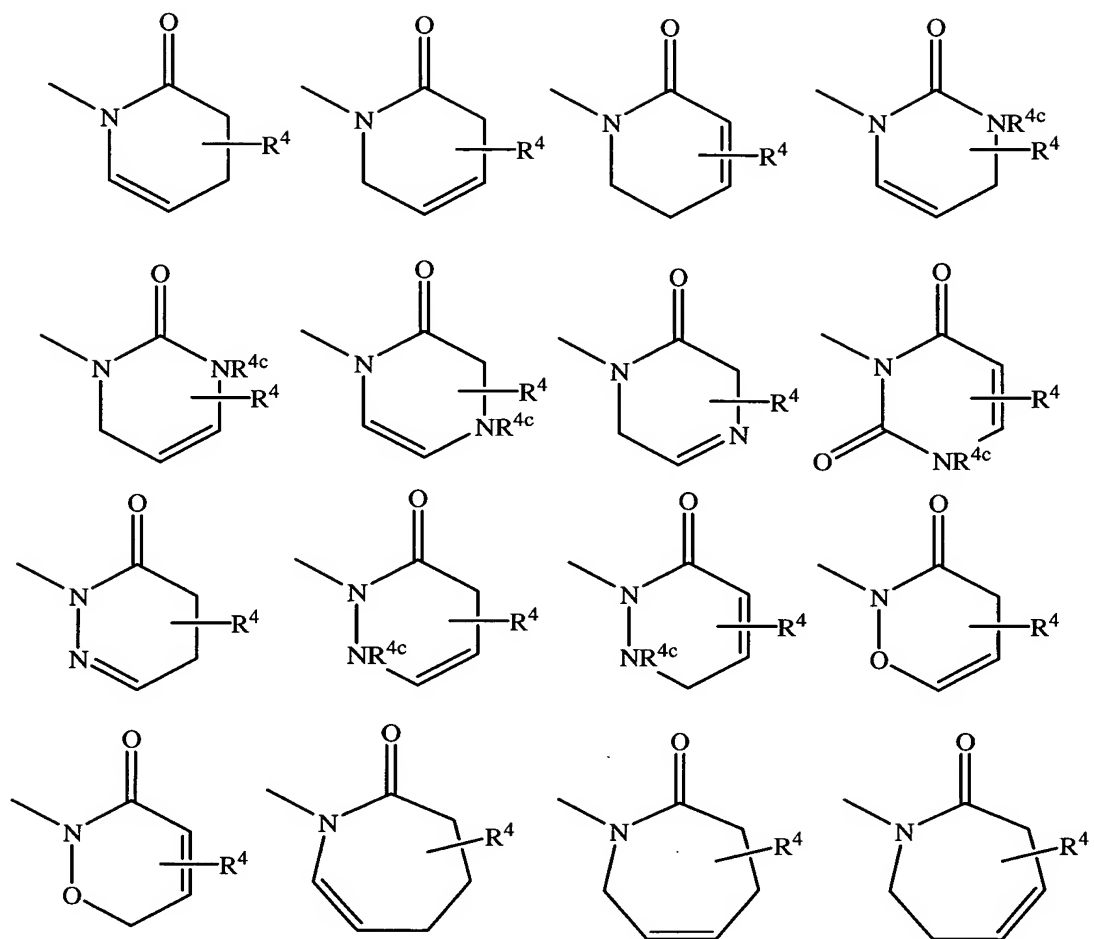
B^2 is selected from H , CH_3 , and CH_2CH_3 ;

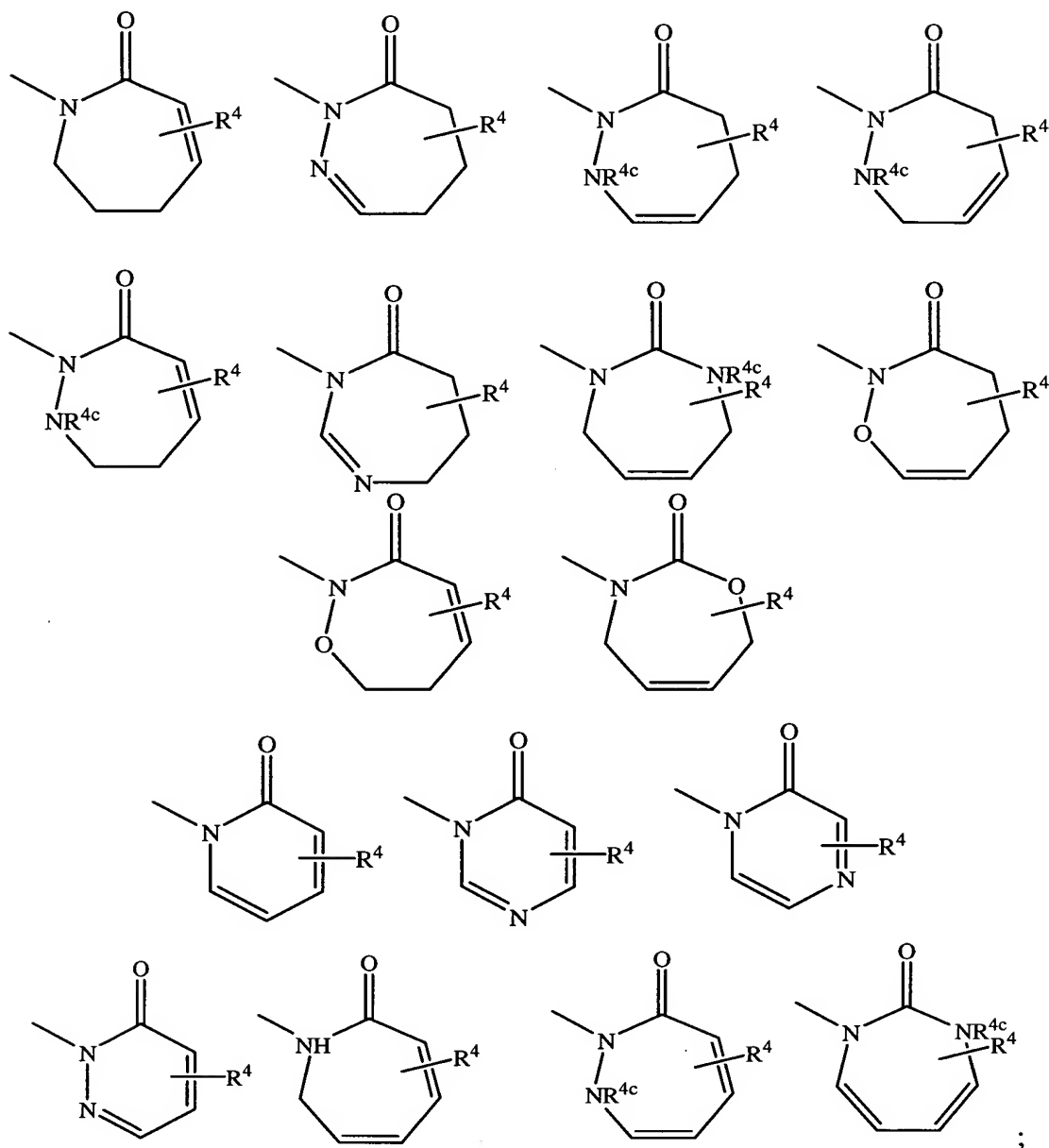
- B^3 is selected from CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $C(CH_3)_3$, $CH(CH_3)CH_2CH(CH_3)_2$, CH_2CH_2OH ,
- 15 $CH(CH_3)CH_2OH$, $CH(phenyl)CH_2CH_3$, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, and CH_2 -cyclopropyl;



is attached to a different atom on A than M and is selected from the group:







ring Q⁵ is selected from cyclopropyl, cyclobutyl, cyclopentyl,

- 5 2-cyclopentanonyl, cyclohexyl, 2-cyclohexanonyl, pyrrolidinyl (attached to A and R^{4a} at the 2-position), pyrrolidinyl (attached to A and R^{4a} at the 3-position), 2-pyrrolidinonyl (attached to A and R^{4a} at the 3-position), piperidinyl (attached to A and R^{4a} at the 4-position), 4-piperidinonyl (attached to A and R^{4a} at the 3-position), tetrahydrofuranyl, and tetrahydropyranyl (attached to A and R^{4a} at the 4-position);

10 Y is selected from C(CH₃)₂R^{4a} and C(CH₂CH₃)₂R^{4a};

alternatively, Y is selected from phenyl, pyridyl, 1,2,3-triazolyl, imidazolyl, and benzimidazolyl, and is substituted with 1 R^{4a};

- R^{1a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH₂F, CH₂Cl, Br, CH₂Br, -CN, CH₂CN, CF₃, CH₂CF₃, OCH₃, CH₂OH, C(CH₃)₂OH, CH₂OCH₃, NH₂, CH₂NH₂, NHCH₃, CH₂NHCH₃, N(CH₃)₂, CH₂N(CH₃)₂, CO₂H, COCH₃, CO₂CH₃, CH₂CO₂CH₃, SCH₃, CH₂SCH₃, S(O)CH₃, CH₂S(O)CH₃, S(O)₂CH₃, CH₂S(O)₂CH₃, C(O)NH₂, CH₂C(O)NH₂, SO₂NH₂, CH₂SO₂NH₂, NHSO₂CH₃, CH₂NHSO₂CH₃, pyridin-2-yl, pyridin-3-yl, pyridin-4-yl, pyridin-2-yl-N-oxide, pyridin-3-yl-N-oxide, pyridin-4-yl-N-oxide, imidazol-1-yl, CH₂-imidazol-1-yl, 4-methyl-oxazol-2-yl, 4-N,N-dimethylaminomethyl-oxazol-2-yl, 1,2,3,4-tetrazol-1-yl, 1,2,3,4-tetrazol-5-yl, CH₂-1,2,3,4-tetrazol-1-yl, and CH₂-1,2,3,4-tetrazol-5-yl, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

- R², at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-1 R^{4b}, benzyl substituted with 0-1 R^{4b}, and 5 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and substituted with 0-1 R^{4b};

R^{2a}, at each occurrence, is selected from H, CH₃, and CH₂CH₃;

- alternatively, NR²R^{2a} forms a 5 or 6 membered saturated, partially saturated, or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

- R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and

$S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p-S(O)_p$, S-O, O-N, O-S, or O-O moiety;

R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} ,
 5 and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a $C(O)$ -halo or $C(O)-S(O)_p$ moiety;

R^{2f} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , and OCH_3 ;

alternatively, $NR^{2f}R^{2f}$ forms a ring selected from morpholine, piperazine,
 10 piperidine, and pyrrolidine;

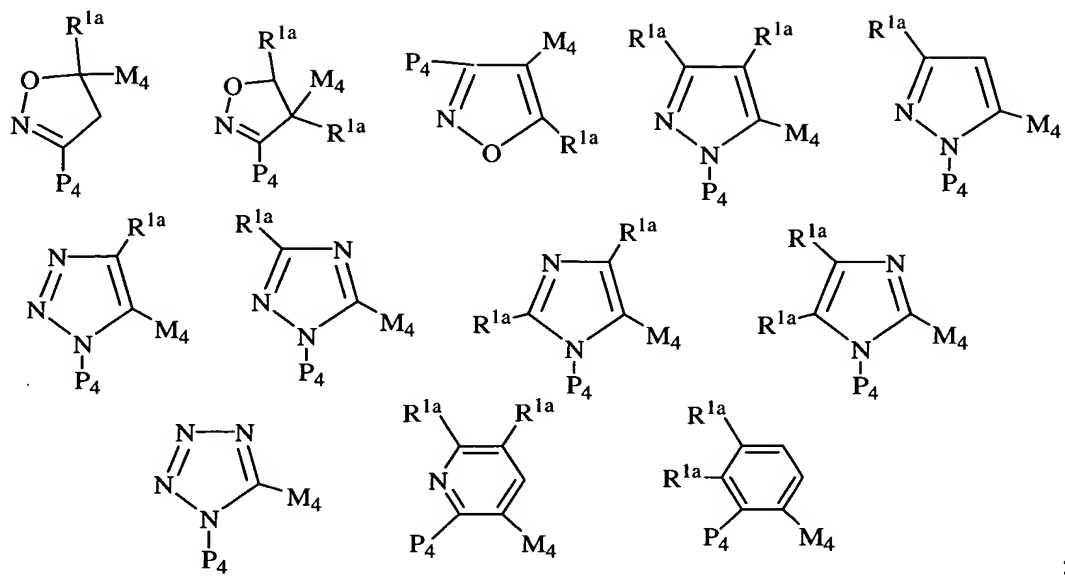
R^4 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, and $C(CH_3)_3$;

R^{4a} is selected from $-(CH_2)_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CH_2)_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of:
 15 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, $(CH_2)_rNR^{2d}R^{2d}$, $(CH_2)_rN(\rightarrow O)R^{2d}R^{2d}$, $(CH_2)_rOR^{2d}$, $(CH_2)_rC(O)NR^{2d}R^{2d}$, $(CH_2)_rNR^{2d}C(O)R^{2e}$, $(CH_2)_rC(O)R^{2e}$, $(CH_2)_rNR^{2d}C(O)NR^{2d}R^{2d}$, $(CH_2)_rNR^{2d}C(O)OR^{2d}$, $(CH_2)_rNR^{2d}SO_2R^{2d}$, and $(CH_2)_rS(O)_pR^{2d}$, provided that $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;

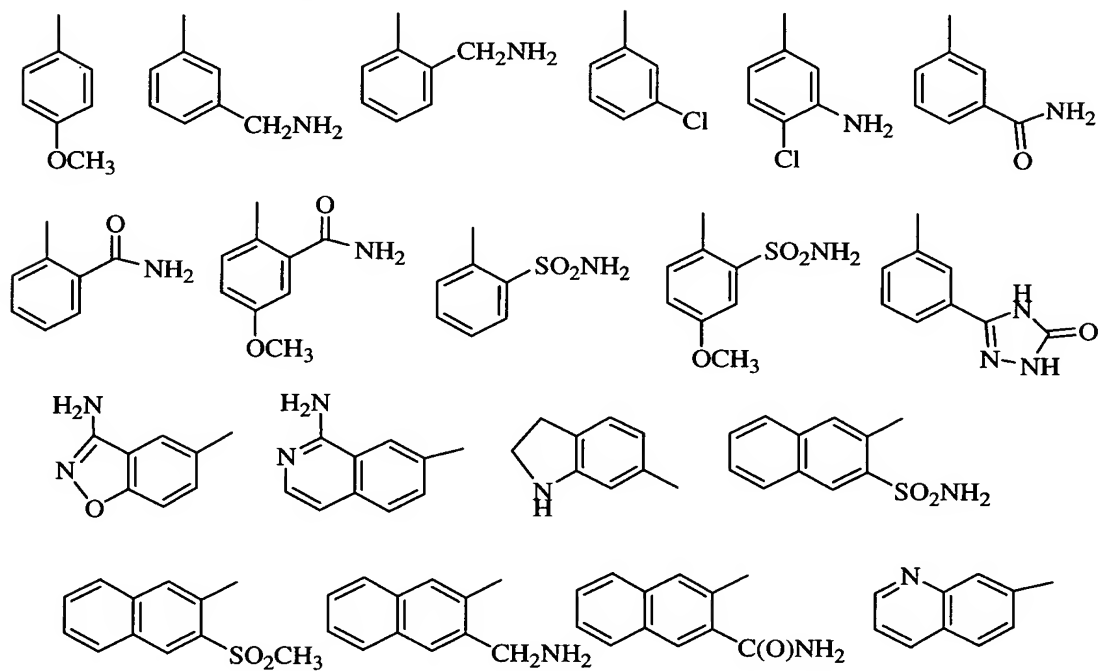
20 R^{4b} , at each occurrence, is selected from H, =O, OR^3 , CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, NR^3SO_2 -phenyl, $S(O)_2CH_3$, $S(O)_2$ -phenyl, and CF_3 ;

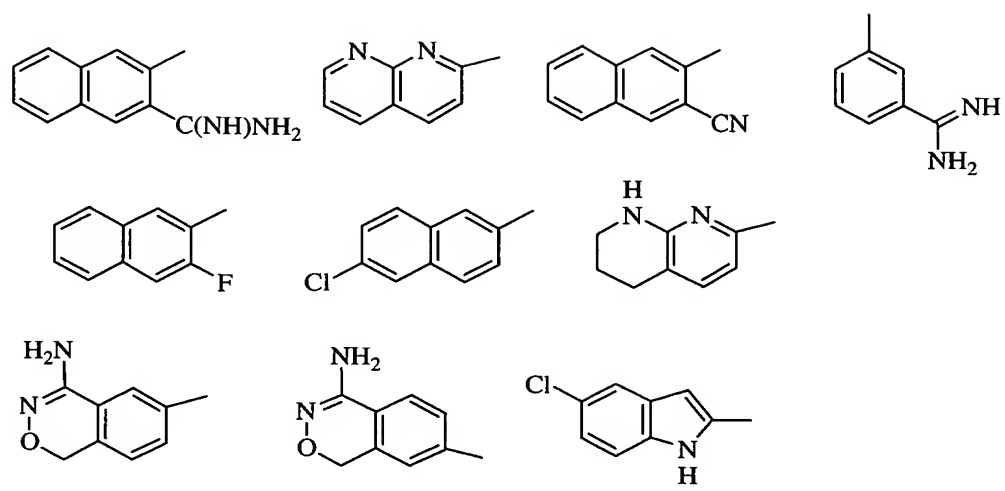
R^{4c} , at each occurrence, is selected from =O, OH, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, C_{2-3} alkenyl,
 25 C_{2-3} alkynyl, CH_2OH , CH_2OCH_3 , $CH_2OCH_2CH_3$, $CH_2OCH_2CH_2CH_3$, $CH_2OCH(CH_3)_2$, F, Br, Cl, CF_3 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $CH_2N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$, $CH_2C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $CH_2NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $CH_2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $CH_2SO_2NR^2R^{2a}$, $NR^2SO_2R^{5a}$,

- CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, CH₂S(O)_pR^{5a}, CF₃, cyclopropyl substituted with 0-1 R^{4b}, cyclobutyl substituted with 0-1 R^{4b}, cyclopentyl substituted with 0-1 R^{4b}, phenyl substituted with 0-1 R^{4b}, -CH₂-cyclopropyl substituted with 0-1 R^{4b}, -CH₂-cyclobutyl substituted with 0-1 R^{4b}, -CH₂-cyclopentyl substituted with 0-1 R^{4b}, benzyl substituted with 0-2 R^{4b}, 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, and (CH₂)-5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b};
- 10 R^{4d}, at each occurrence, is selected from H, OCH₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, NR²R^{2a}, NR²C(O)R^{2b}, NR²SO₂R⁵, phenyl, 2-oxo-pyrrolidinyl, and 2-oxo-piperidinyl;
- R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, OR³, CH₂OR³, F, Cl, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, S(O)₂-CH₃, S(O)₂-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶; and
- 15 R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, NR²C(O)R^{2b}, and SO₂NR²R^{2a}.
- 20 13. A compound according to Claim 12, wherein wherein the compound is selected from:

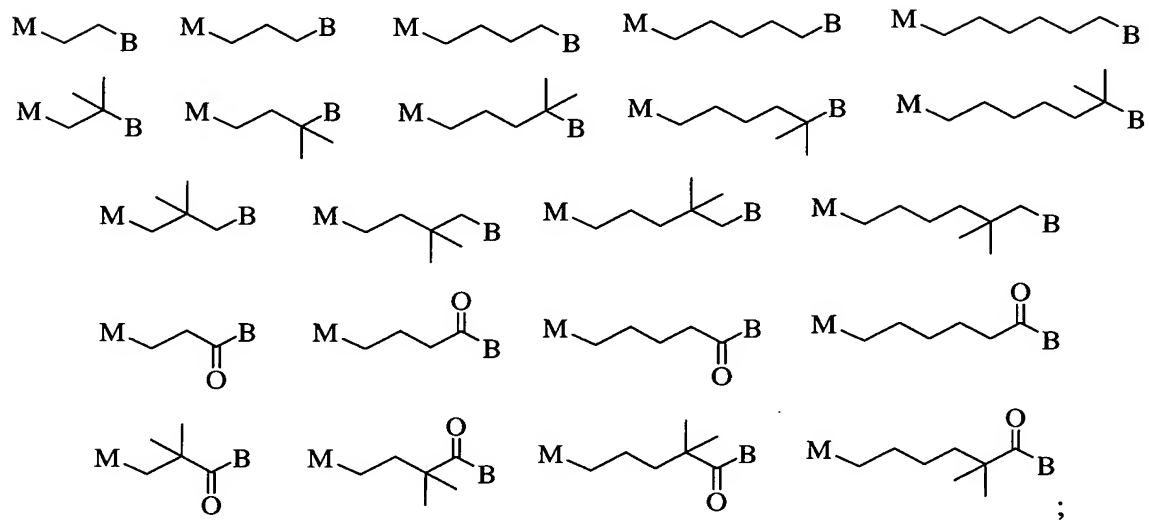


G is selected from:

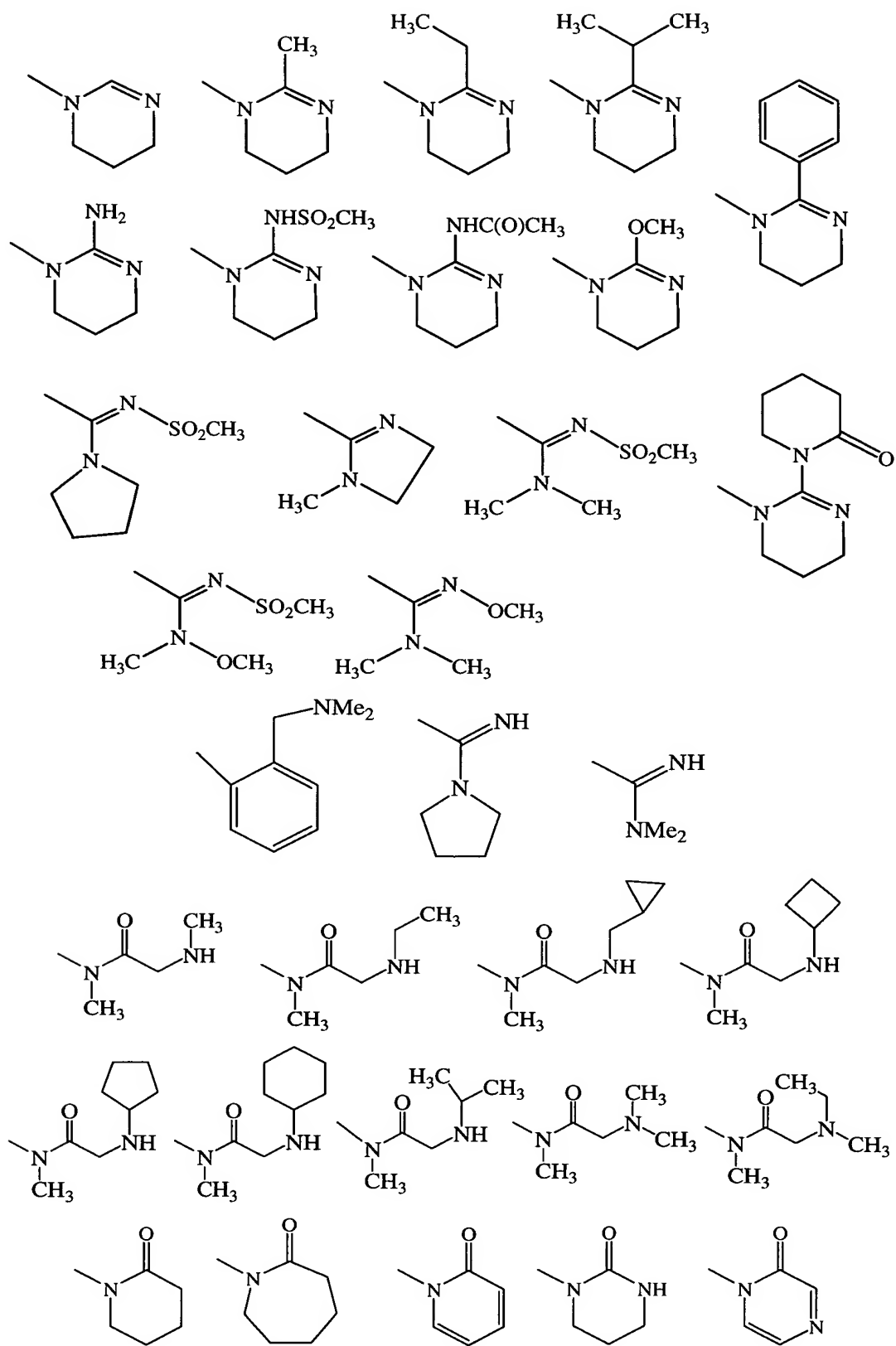


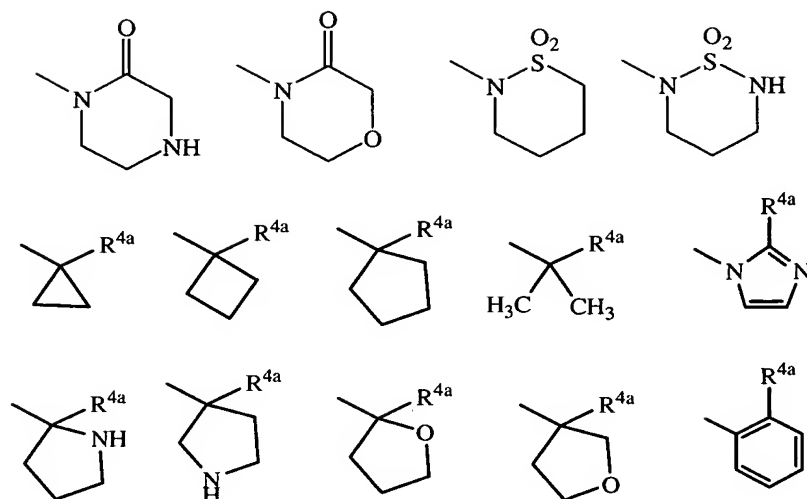


A is selected from:



B is selected from:



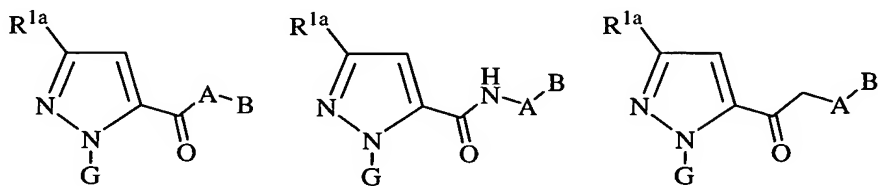


- R^{2d} , at each occurrence, is selected from H, C_{1-4} alkyl substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} , and a 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p$ - $S(O)_p$, S-O, O-N, O-S, or O-O moiety;
- R^{2e} , at each occurrence, is selected from H, C_{1-4} alkyl substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl, substituted with 0-2 R^{4c} , and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a $C(O)$ -halo or $C(O)$ - $S(O)_p$ moiety;
- R^{4a} is selected from $NR^{2d}R^{2d}$, $CH_2NR^{2d}R^{2d}$, $CH_2CH_2NR^{2d}R^{2d}$, $N(\rightarrow O)R^{2d}R^{2d}$, $CH_2N(\rightarrow O)R^{2d}R^{2d}$, CH_2OR^{2d} , $C(O)R^{2e}$, $C(O)NR^{2d}R^{2d}$, $CH_2C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)R^{2e}$, $CH_2NR^{2d}C(O)R^{2e}$, $NR^{2d}C(O)NR^{2d}R^{2d}$, $CH_2NR^{2d}C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)OR^{2d}$, $CH_2NR^{2d}C(O)OR^{2d}$, $NR^{2d}SO_2R^{2d}$, $CH_2NR^{2d}SO_2R^{2d}$, $S(O)_pR^{2d}$, $CH_2S(O)_pR^{2d}$, 5-6 membered carbocycle substituted with 0-2 R^{4c} , $-(CH_2)$ -5-6 membered carbocycle substituted with 0-2 R^{4c} , 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and $-(CH_2)$ -5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon

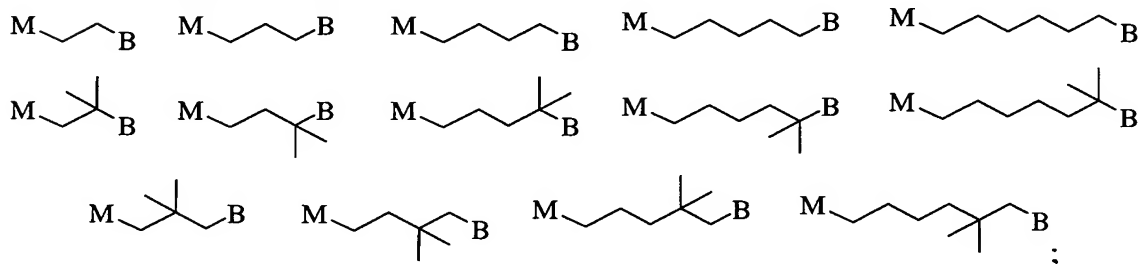
atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H; and

- R^{4c} is selected from =O, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH=CH₂, CH≡CH, CH₂OH, CH₂OCH₃, CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃, CH₂OCH(CH₃)₂, F, Br, Cl, CF₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, and CH₂S(O)_pR^{5a}.

- 10 14. A compound according to Claim 13, wherein the compound is selected from:

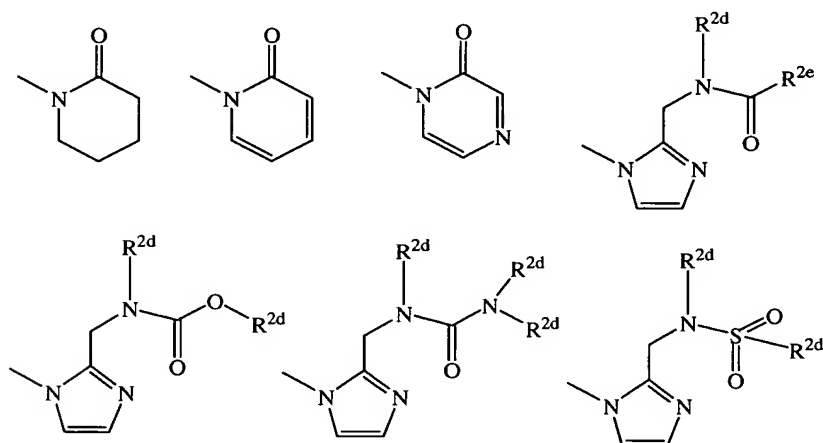


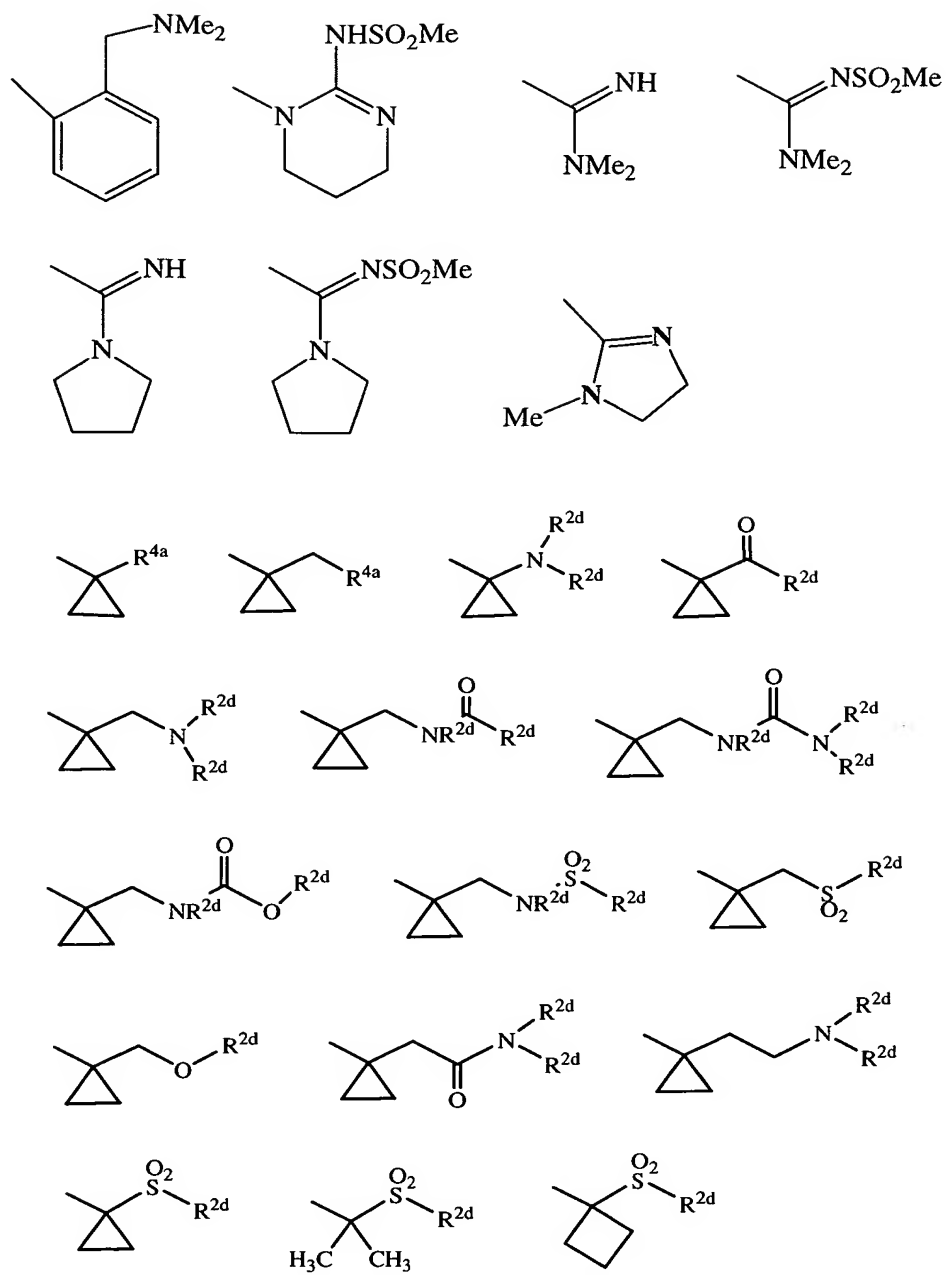
A is selected from:

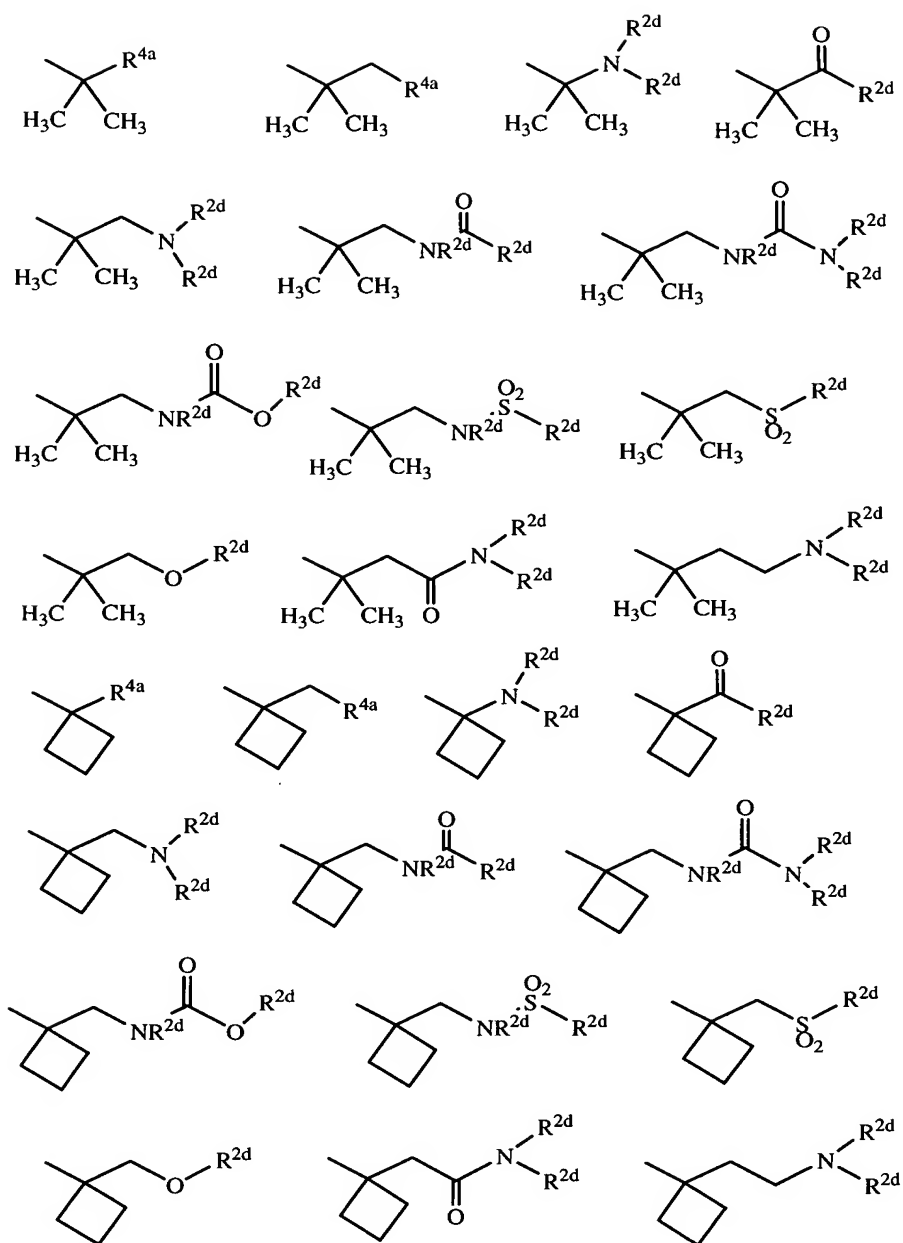


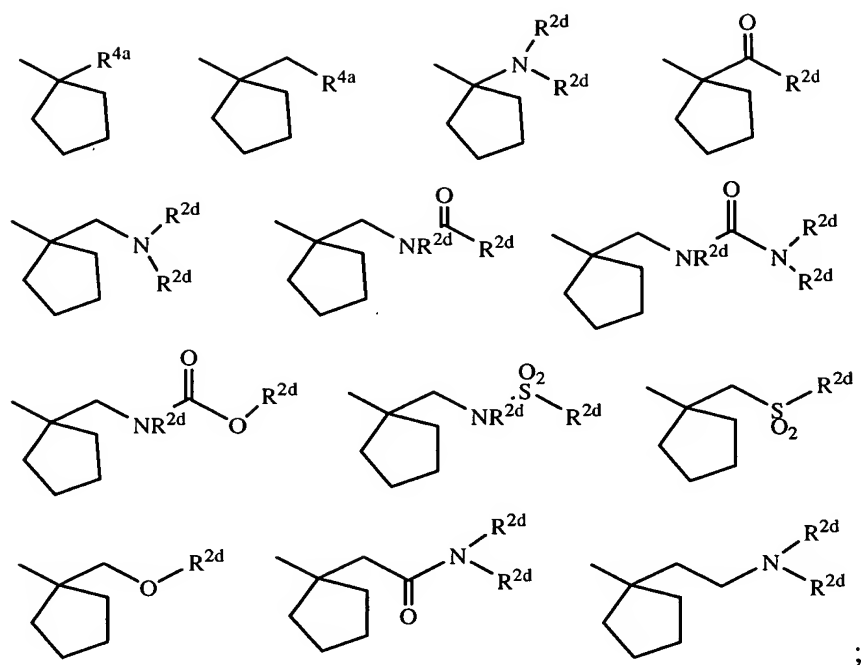
15

B is selected from:









R^{2d}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH(CH₃)₂, CH₂CH₂CH(CH₃)₂, CH₂CCH, CH₂CH₂OH, CH₂C(O)NH₂, cyclopropyl, CH₂-cyclopropyl, cyclobutyl, cyclopentyl, and thiazolyl;

5 R^{2e}, at each occurrence, is selected from CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH(CH₃)₂, CH₂CH₂CH(CH₃)₂, CH₂-cyclopropyl, cyclopropyl, and cyclopentyl;

R^{4a} is substituted with 0-2 R^{4c} and selected from morpholine, 1,1-dioxo-thiomorpholine, dihydropyridine, piperidine, piperazine, pyrrolidine, 10 imidazolyl, imidazoline, imidazolidine, oxazoline, and thiazoline; and

R^{4c} is selected from =O, OH, OCH₃, and CH₃.

15 15. A pharmaceutical composition, comprising: a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 1 or a pharmaceutically acceptable salt form thereof.

16. A method for treating a thromboembolic disorder, comprising:
administering to a patient in need thereof a therapeutically effective amount of a
compound of Claim 1 or a pharmaceutically acceptable salt form thereof.

17. A method according to Claim 16, wherein the thromboembolic disorder is selected from the group consisting of arterial cardiovascular thromboembolic disorders, venous cardiovascular thromboembolic disorders, and thromboembolic disorders in the chambers of the heart.

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18. A method according to Claim 16, wherein the thromboembolic disorder is selected from unstable angina, an acute coronary syndrome, first myocardial infarction, recurrent myocardial infarction, ischemic sudden death, transient ischemic attack, stroke, atherosclerosis, peripheral occlusive arterial disease, venous
10 thrombosis, deep vein thrombosis, thrombophlebitis, arterial embolism, coronary arterial thrombosis, cerebral arterial thrombosis, cerebral embolism, kidney embolism, pulmonary embolism, and thrombosis resulting from (a) prosthetic valves or other implants, (b) indwelling catheters, (c) stents, (d) cardiopulmonary bypass, (e) hemodialysis, or (f) other procedures in which blood is exposed to an artificial surface
15 that promotes thrombosis.

19. A method for treating a thromboembolic disorder, comprising:
administering to a patient in need thereof a therapeutically effective amount of a first and second therapeutic agent, wherein the first therapeutic agent is compound of
20 Claim 1 or a pharmaceutically acceptable salt thereof and the second therapeutic agent is at least one agent selected from a second factor Xa inhibitor, an anti-coagulant agent, an anti-platelet agent, a thrombin inhibiting agent, a thrombolytic agent, and a fibrinolytic agent.